

# ALTERNATIVE - Immunophenotyping ALTIMPC\_IMM\_002

## Parameters and Metadata

### ALTERNATIVE - Spleen weight ALTIMPC\_IMM\_001\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: g

Description: ALTERNATIVE -

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### ALTERNATIVE - Live leukocytes (Panel A) - % of total events ALTIMPC\_IMM\_002\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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### ALTERNATIVE - T cells (Panel A) - % of live leukocytes (Panel A) ALTIMPC\_IMM\_003\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - NKT cells (panel A) - % of live leukocytes (Panel A) ALTIMPC\_IMM\_004\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - NK cells (Panel A) - % of live leukocytes (Panel A) ALTIMPC\_IMM\_005\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD4 T cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_007\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD8+ T cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_008\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD4+ NKT cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_011\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4- NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_013\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Treg cells - % of live leukocytes (Panel A)

ALTIMPC\_IMM\_014\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4+ T helper cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_015\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Total events (Panel A)** ALTIMPC\_IMM\_026\_002 | v2

.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Total events (Panel B)** ALTIMPC\_IMM\_027\_002 | v2

.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Effector CD4+ T helper cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_028\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting CD4+ T helper cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_029\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Effector CD8+ T cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_032\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Naïve CD8+ T cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_033\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting CD8+ T cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_034\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector CD4+ NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_040\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting CD4+ NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_041\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector CD4- NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_046\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting CD4- NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_047\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Live leukocytes (Panel B) - % of total events (Panel B)** ALTIMPC\_IMM\_049\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Granulocytes - % of live leukocytes (Panel B)** ALTIMPC\_IMM\_050\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Monocytes - % of live leukocytes (Panel B)**

ALTIMPC\_IMM\_051\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Eosinophils - % of live leukocytes (Panel B)**

ALTIMPC\_IMM\_052\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - NK cells (Panel B) - % of live leukocytes (Panel B)**

ALTIMPC\_IMM\_053\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Ly6C+ CD11b- NK cells - % of live leukocytes (Panel B)** ALTIMPC\_IMM\_054\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Ly6C+ CD11b+ NK cells - % of live leukocytes (Panel B)** ALTIMPC\_IMM\_055\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD11b- NK cells - % of live leukocytes (Panel B)** ALTIMPC\_IMM\_056\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b+ NK cells - % of live leukocytes (Panel B) ALTIMPC\_IMM\_057\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - NKT cells (panel B) - % of live leukocytes (Panel B) ALTIMPC\_IMM\_058\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Ly6C+ NKT cells - % of live leukocytes (Panel B) ALTIMPC\_IMM\_059\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - T cells (panel B) - % of live leukocytes (Panel B) ALTIMPC\_IMM\_061\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - B cells - % of live leukocytes (Panel B) ALTIMPC\_IMM\_063\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Follicular B cells - % of B cells (Panel B)

ALTIMPC\_IMM\_067\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Marginal zone B cells - % of B cells (Panel B)

ALTIMPC\_IMM\_071\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Conventional DC - % of live leukocytes (Panel B)

ALTIMPC\_IMM\_072\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Plasmacytoid DC- % of live leukocytes (Panel B) ALTIMPC\_IMM\_074\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Macrophages- % of live leukocytes (Panel B) ALTIMPC\_IMM\_075\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Equipment name ALTIMPC\_IMM\_077\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** FACS, Flow cytometer, Fortessa\_1, Fortessa\_I Custom Build, LSR II,

---

## **ALTERNATIVE - Equipment manufacturer** ALTIMPC\_IMM\_078\_002

| v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BD Biosciences, Beckman Coulter, Cytex, IntelliCyt,

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## **ALTERNATIVE - Equipment model** ALTIMPC\_IMM\_079\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Aurora, BD LSR-II, BD LSRFortessa Cell Analyzer, CANTO-II, FACSAria III, Gallios, H47100123, iQue Screener PLUS,

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## **ALTERNATIVE - CS&T Bead lot** ALTIMPC\_IMM\_080\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## ALTERNATIVE - Anesthesia ALTIMPC\_IMM\_081\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

**Options:** Injection narcosis with Ketamine (100mg/kg)/Xylazine (10mg/kg),  
Injection narcosis with Medetomidine/Midazolam/Butorphanol,  
Injection narcosis with Sodium Pentobarbital (Somnopentyl),  
Injection narcosis with Tribromoethanol (Avertin), Isoflurane, none,

---

## ALTERNATIVE - Cell digestion ALTIMPC\_IMM\_082\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

**Options:** GentleMACS, manual,

---

## ALTERNATIVE - Cell digestion agent ALTIMPC\_IMM\_083\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Collagenase D, Collagenase II, manual, Spleen dissociation kit,

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## ALTERNATIVE - Cell digestion agent manufacturer ALTIMPC

\_IMM\_084\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Gibco, manual, Miltenyi Biotec, Roche, Sigma, Worthington,

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## ALTERNATIVE - Cell digestion agent catalog number ALTIM

PC\_IMM\_085\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: #11088858001, 130-095-926, 17101-015, C6885, CLS2LS004176, manual,

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## **ALTERNATIVE - Cell counting performed** ALTIMPC\_IMM\_086\_002

| v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** post-lysis, pre-lysis,

---

## **ALTERNATIVE - Cell counting equipment manufacturer** AL

TIMPC\_IMM\_087\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** American Optical, BD Biosciences, Beckman Coulter, IntelliCyt, Life Technologies, Merck Millipore, Nexcelom Bioscience, Nextcelom, Orflo,

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## **ALTERNATIVE - Cell counting equipment model** ALTIMPC\_IM

M\_088\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 4468770, Attune, BD LSR-II, Cellometer Auto T4, Countess Automated Cell Counter, Gallios, iQue Screener PLUS, Moxi Z, Reichert Brightline, Scepter,

---

## **ALTERNATIVE - Cell counting equipment name** ALTIMPC\_IMM\_089\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Cellometer, Cellometer Auto T4,

---

## **ALTERNATIVE - Cell lysis buffer manufacturer** ALTIMPC\_IMM\_090\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BD PharmLyse, eBioscience, In house, Jax, JMC, LONZA,

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## **ALTERNATIVE - Cell lysis buffer catalog number** ALTIMPC\_IM

M\_091\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 00-4300-54, 10-548E, 555899, home brew, In house,

---

## **ALTERNATIVE - Date and time of sacrifice** ALTIMPC\_IMM\_092\_0

02 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

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## **ALTERNATIVE - Date and time of sample preparation** ALTIM

PC\_IMM\_093\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

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## ALTERNATIVE - Sample storage temperature until analysis (in Celsius) ALTIMPC\_IMM\_094\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: C

Description: ALTERNATIVE -

Options: 8,

---

## ALTERNATIVE - FCS repository reference (URL/ID) ALTIMPC\_IMM\_095\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## ALTERNATIVE - Balanced salt solution type ALTIMPC\_IMM\_096\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: HBSS, KDS BSS, PBS,

---

## **ALTERNATIVE - Balanced salt solution manufacturer** ALTIM

PC\_IMM\_097\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Biochrom, Gibco, home brew, In house, Life Technologies, Sigma, Wako, Wisent,

---

## **ALTERNATIVE - Balanced salt solution catalog number** AL

TIMPC\_IMM\_098\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 041-20211, 14175-095, 14190-144, 14190169, D1408, H6136-1L,  
HBSS 1X 14170-088, home brew, In house, L 182-10,

---

## **ALTERNATIVE - RPMI manufacturer** ALTIMPC\_IMM\_099\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Gibco, Jax, Life Technologies, none used, Sigma, Thermo Fisher Scientific, Wako,

---

**ALTERNATIVE - RPMI catalog number** ALTIMPC\_IMM\_100\_002 | v2  
.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 11875-093, 11875-101, 189-02145, 31800-022, home brew, none used, R8758,

---

**ALTERNATIVE - DNase I manufacturer** ALTIMPC\_IMM\_101\_002 | v2  
.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** N/A, Sigma, Spleen Dissociation Kit,

---

## ALTERNATIVE - DNase I catalog number ALTIMPC\_IMM\_102\_002

| v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: D8764, DN25, N/A, none used,

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## ALTERNATIVE - Dead cell exclusion dye ALTIMPC\_IMM\_103\_002

| v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: DAPI, Ghost Dye UV450, LIVE/DEAD Fixable Aqua stain, Propidium Iodide, Sytox Blue, Sytox Green, Trypan Blue, Zombie NIR,

---

## ALTERNATIVE - Dead cell exclusion dye manufacturer ALTI

MPC\_IMM\_104\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

**Options:** Biolegend, home brew, Invitrogen by Thermo Fisher, Life Technologies, Sigma, Tonbo biosciences,

---

## **ALTERNATIVE - Dead cell exclusion dye catalog number A**

LTIMPC\_IMM\_105\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 13-0868-T500, 423106, D9542, home brew, L34966, P4170, R37606, S-34860, S11348, S34857, T8154-100ML,

---

## **ALTERNATIVE - Cell digestion temperature (in Celsius) AL**

TIMPC\_IMM\_106\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 37, N/A, RT,

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## **ALTERNATIVE - Panel A FCS file(s) ALTIMPC\_IMM\_107\_002 | v2.0**

[seriesMediaParameter](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Panel B FCS file(s)** ALTIMPC\_IMM\_108\_002 | v2.0

seriesMediaParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Automated analysis** ALTIMPC\_IMM\_109\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: No, Yes,

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## **ALTERNATIVE - Collection buffer manufacturer** ALTIMPC\_IMM

\_110\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** BD Biosciences, home brew, Life Technologies, Wako,

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## **ALTERNATIVE - Collection buffer catalog number number**

ALTIMPC\_IMM\_111\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 084-08965, 24020, 563503,

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## **ALTERNATIVE - FACS buffer manufacturer** ALTIMPC\_IMM\_112\_

002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** home brew, In house, Life Technologies, Wako,

---

## **ALTERNATIVE - FACS buffer catalog number** ALTIMPC\_IMM\_1

13\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 048-29805, 14175, home brew, In house,

---

## **ALTERNATIVE - Enzyme buffer manufacturer** ALTIMPC\_IMM\_1

14\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Life Technologies, Miltenyi Biotec, N/A, Wako,

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## **ALTERNATIVE - Enzyme buffer catalog number** ALTIMPC\_IMM

\_115\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 084-08965, 130-095-926, 14025, N/A,

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## **ALTERNATIVE - Total spleen leukocyte count** ALTIMPC\_IMM\_1

16\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Clog- events (Panel A)** ALTIMPC\_IMM\_117\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - FSC/SSC Singlets (Panel A)** ALTIMPC\_IMM\_118

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Effector NK cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_119\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Effector Treg cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_120\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Effector T cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_121\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Klrg1+ CD4- NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_122\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ CD4+ NKT cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_123\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Klrg1+ CD4+ T helper cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_124\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Klrp1+ CD8 T cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_125\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Klrp1+ NK cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_126\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## **ALTERNATIVE - Klrp1+ Treg cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_127\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Klrp1+ T cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_128\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting NK cells - % of live leukocytes (Panel A)** ALTIMPC\_IMM\_129\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting Treg cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_130\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting T cells - % of live leukocytes (Panel A) ALTIMPC\_IMM\_131\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - T cells - % of live leukocytes (Panel A) AL TIMPC\_IMM\_132\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - T cells - % of live leukocytes (Panel A)** AL

TIMPC\_IMM\_133\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD4- NKT cells - % of NKT cells (Panel A)**

ALTIMPC\_IMM\_134\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4+ NKT cells - % of NKT cells (Panel A)

ALTIMPC\_IMM\_135\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4+ T cells - % of T cells

ALTIMPC\_IMM\_136\_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4+ T helper cells - % of CD4 T cells

ALTI

MPC\_IMM\_137\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD8+ T cells - % of T cells ALTIMPC\_IMM\_138\_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector CD4- NKT cells - % of CD4- NKT cells ALTIMPC\_IMM\_139\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector CD4+ NKT cells - % of CD4+ NKT cells ALTIMPC\_IMM\_140\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Effector CD4+ T helper cells - % of CD4+ T helper cells** ALTIMPC\_IMM\_141\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Effector CD8+ T cells - % of CD8+ T cells**

ALTIMPC\_IMM\_142\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Effector NK cells - % of NK cells (Panel A)** ALTIMPC\_IMM\_143\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - Effector Treg cells - % of Treg cells** ALTIMP

C\_IMM\_144\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - Effector T cells - % of T cells** ALTIMPC\_IMM\_

145\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Klrg1+ CD4- NKT cells - % of CD4- NKT cells** ALTIMPC\_IMM\_146\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Klrg1+ CD4+ NKT cells - % of CD4+ NKT cells** ALTIMPC\_IMM\_147\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Klrg1+ CD4+ T helper cells - % of CD4+ T helper cells** ALTIMPC\_IMM\_148\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ CD8 T cells - % of CD8+ T cells ALT

IMPC\_IMM\_149\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ NK cells - % of NK cells (Panel A)

ALTIMPC\_IMM\_150\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ Treg cells - % of Treg cells ALTIMPC\_

IMM\_151\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrp1+ T cells - % of T cells ALTIMPC\_IMM\_15

2\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Naïve CD8+ T cells - % of CD8+ T cells ALT

IMPC\_IMM\_153\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting CD4- NKT cells - % of CD4- NKT cells** ALTIMPC\_IMM\_154\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting CD4+ NKT cells - % of CD4+ NKT cells** ALTIMPC\_IMM\_155\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting CD4+ T helper cells - % of CD4+ T helper cells** ALTIMPC\_IMM\_156\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting CD8+ T cells - % of CD8+ T cells

ALTIMPC\_IMM\_157\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting NK cells - % of NK cells (Panel A)

ALTIMPC\_IMM\_158\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting Treg cells - % of Treg cells

ALTIMPC\_IMM\_159\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting T cells - % of T cells ALTIMPC\_IMM\_

160\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Treg cells - % of CD4 T cells ALTIMPC\_IMM\_16

1\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Clog- events (Panel B) ALTIMPC\_IMM\_162\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - FSC/SSC Singlets (Panel B)** ALTIMPC\_IMM\_163  
\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - B1a cells - % of B cells (Panel B)** ALTIMPC\_I  
MM\_164\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - B1b cells - % of B cells (Panel B) ALTIMPC\_I

MM\_165\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b-high cDC - % of conventional DC (Panel B) ALTIMPC\_IMM\_166\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b-low cDC - % of conventional DC (Panel B) ALTIMPC\_IMM\_167\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD161+ B cells - % of live leukocytes (Panel B)** ALTIMPC\_IMM\_168\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Transitional 1 B cells - % of B cells (Panel B)** ALTIMPC\_IMM\_169\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Transitional 2 B cells - % of B cells (Panel B)** ALTIMPC\_IMM\_170\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b- NK cells - % of NK cells (Panel B)

ALTIMPC\_IMM\_171\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b+ NK cells - % of NK cells (Panel B)

ALTIMPC\_IMM\_172\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD161+ B cells - % of B cells

ALTIMPC\_IMM\_173\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - Follicular B cells - % of B cells** ALTIMPC\_IMM  
\_174\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - Ly6C+ CD11b- NK cells - % of NK cells  
(Panel B)** ALTIMPC\_IMM\_175\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Ly6C+ CD11b+ NK cells - % of NK cells (Panel B) ALTIMPC\_IMM\_176\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Ly6C+ NKT cells - % of NKT cells (Panel B) ALTIMPC\_IMM\_177\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Marginal zone B cells - % of B cells ALTIMP C\_IMM\_178\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Transitional 1 Bcells - % of B cells ALTIMPC \_IMM\_179\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Transitional 2 B cells - % of B cells ALTIMP C\_IMM\_180\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - T cells (Panel A) - cell count ALTIMPC\_IMM\_18 1\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - T cells - cell count** ALTIMPC\_IMM\_182\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - CD8+ T cells - cell count** ALTIMPC\_IMM\_183\_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector CD8+ T cells - cell count ALTIMPC\_I

MM\_184\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting CD8+ T cells - cell count ALTIMPC\_I

MM\_185\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Naïve CD8+ T cells - cell count ALTIMPC\_IMM

\_186\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrp1+ CD8 T cells - cell count ALTIMPC\_IMM

\_187\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4 T cells - cell count ALTIMPC\_IMM\_188\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4+ T helper cells - cell count ALTIMPC\_IM

M\_189\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Effector CD4+ T helper cells - cell count** A

LTIMPC\_IMM\_190\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Resting CD4+ T helper cells - cell count** A

LTIMPC\_IMM\_191\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Klrp1+ CD4+ T helper cells - cell count** AL

TIMPC\_IMM\_192\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

**ALTERNATIVE - Treg cells - cell count** ALTIMPC\_IMM\_193\_001 | v1  
.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

**ALTERNATIVE - Effector Treg cells - cell count** ALTIMPC\_IMM\_  
194\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting Treg cells - cell count ALTIMPC\_IMM\_

195\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrp1+ Treg cells - cell count ALTIMPC\_IMM\_1

96\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - T cells - cell count ALTIMPC\_IMM\_197\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Effector T cells - cell count** ALTIMPC\_IMM\_198

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting T cells - cell count** ALTIMPC\_IMM\_199

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Klrp1+ T cells - cell count** ALTIMPC\_IMM\_200\_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - NKT cells (panel A) - cell count** ALTIMPC\_IMM

\_201\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - CD4+ NKT cells - cell count** ALTIMPC\_IMM\_202

\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Effector CD4+ NKT cells - cell count** ALTIM

PC\_IMM\_203\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Resting CD4+ NKT cells - cell count** ALTIMP

C\_IMM\_204\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Klrg1+ CD4+ NKT cells - cell count** ALTIMPC

\_IMM\_205\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD4- NKT cells - cell count ALTIMPC\_IMM\_206\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector CD4- NKT cells - cell count ALTIMP C\_IMM\_207\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting CD4- NKT cells - cell count ALTIMP C\_IMM\_208\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ CD4- NKT cells - cell count ALTIMPC \_IMM\_209\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - NK cells (Panel A) - cell count ALTIMPC\_IMM\_ 210\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector NK cells - cell count ALTIMPC\_IMM\_2 11\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Resting NK cells - cell count ALTIMPC\_IMM\_212\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ NK cells - cell count ALTIMPC\_IMM\_213\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - T cells (panel B) - cell count ALTIMPC\_IMM\_21

4\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - NKT cells (panel B) - cell count ALTIMPC\_IMM

\_215\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Ly6C+ NKT cells - cell count ALTIMPC\_IMM\_21

6\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - NK cells (Panel B) - cell count ALTIMPC\_IMM\_

217\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b- NK cells - cell count ALTIMPC\_IMM\_21

8\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Ly6C+ CD11b- NK cells - cell count ALTIMP

C\_IMM\_219\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - CD11b+ NK cells - cell count** ALTIMPC\_IMM\_22

0\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Ly6C+ CD11b+ NK cells - cell count** ALTIMP

C\_IMM\_221\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - B cells - cell count** ALTIMPC\_IMM\_222\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

**ALTERNATIVE - B1a cells - cell count** ALTIMPC\_IMM\_223\_001 | v1.  
0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

**ALTERNATIVE - B1b cells - cell count** ALTIMPC\_IMM\_224\_001 | v1.  
0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Follicular B cells - cell count** ALTIMPC\_IMM\_22

5\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Marginal zone B cells - cell count** ALTIMPC\_I

MM\_226\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Transitional 1 B cells - cell count** ALTIMPC\_I

MM\_227\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Transitional 2 B cells - cell count** ALTIMPC\_I

MM\_228\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - CD161+ B cells - cell count** ALTIMPC\_IMM\_229\_

001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Conventional DC - cell count** ALTIMPC\_IMM\_2

30\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b-low cDC - cell count ALTIMPC\_IMM\_231\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b-high cDC - cell count ALTIMPC\_IMM\_232\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Plasmacytoid DC - cell count ALTIMPC\_IMM\_2

33\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Macrophages - cell count ALTIMPC\_IMM\_234\_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Monocytes - cell count ALTIMPC\_IMM\_235\_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Granulocytes - cell count ALTIMPC\_IMM\_236\_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Eosinophils - cell count ALTIMPC\_IMM\_237\_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A anti-CD5 clone ALTIMPC\_IMM\_238\_001 |

v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A anti-CD5 fluorochrome ALTIMPC\_IM

M\_239\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV421, eF450, PE-Gr-A,

---

## ALTERNATIVE - Panel A anti-CD5 RRID ALTIMPC\_IMM\_240\_001 |

v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_1603250, AB\_2737758,

---

## ALTERNATIVE - Panel A anti-CD4 clone ALTIMPC\_IMM\_241\_001 |

v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: GK1.5, RM4-5,

---

## ALTERNATIVE - Panel A anti-CD4 fluorochrome ALTIMPC\_IM

M\_242\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: FITC, PE-CF594, PO,

---

## ALTERNATIVE - Panel A anti-CD4 RRID ALTIMPC\_IMM\_243\_001 |

v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_1474250, AB\_394583, AB\_396633,

---

## ALTERNATIVE - Panel A anti-CD44 clone ALTIMPC\_IMM\_244\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A anti-CD44 fluorochrome ALTIMPC\_I

MM\_245\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV650, PE, PE-Cy7,

---

## ALTERNATIVE - Panel A anti-CD44 RRID ALTIMPC\_IMM\_246\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_10895375, AB\_2562600, AB\_394649,

---

## ALTERNATIVE - Panel A anti-CD8a clone ALTIMPC\_IMM\_247\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A anti-CD8a fluorochrome ALTIMPC\_I

MM\_248\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APCeF780, eFluor 450, PE-CF594,

---

## ALTERNATIVE - Panel A anti-CD8a RRID ALTIMPC\_IMM\_249\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_11152075, AB\_1272185,

---

## ALTERNATIVE - Panel A anti-CD25 clone ALTIMPC\_IMM\_250\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: PC61, PC61.5,

---

## ALTERNATIVE - Panel A anti-CD25 fluorochrome ALTIMPC\_I

MM\_251\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC, FITC, PE-Cy7,

---

## ALTERNATIVE - Panel A anti-CD25 RRID ALTIMPC\_IMM\_252\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** AB\_10562035, AB\_394509, AB\_398623,

---

## **ALTERNATIVE - Panel A anti-CD161 clone** ALTIMPC\_IMM\_253\_0

01 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Panel A anti-CD161 fluorochrome** ALTIMPC\_

IMM\_254\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** APC, eFluor 780, PE, PE-Cy7,

---

## **ALTERNATIVE - Panel A anti-CD161 RRID** ALTIMPC\_IMM\_255\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_394507, AB\_394677, AB\_398463,

---

**ALTERNATIVE - Panel A anti-CD62L clone** ALTIMPC\_IMM\_256\_01 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - Panel A anti-CD62L fluorochrome** ALTIMPC\_IMM\_257\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC, APC-Cy7, PE-Cy7,

---

## ALTERNATIVE - Panel A anti-CD62L RRID ALTIMPC\_IMM\_258\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_10611861, AB\_469633,

---

## ALTERNATIVE - Panel A Live/Dead stain ALTIMPC\_IMM\_259\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Aqua, PI, Sytox Blue,

---

## ALTERNATIVE - Panel A additional maker 1 name ALTIMPC\_I

MM\_260\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: CD3, TCRd,

---

## **ALTERNATIVE - Panel A additional marker 1 clone** ALTIMPC\_

IMM\_261\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** eBio500A2, GL3,

---

## **ALTERNATIVE - Panel A additional marker 1 fluorochrome** ALTIMPC\_IMM\_262\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Alexa 700, FITC,

---

## **ALTERNATIVE - Panel A additional marker 1 RRID** ALTIMPC\_I

MM\_263\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A additional maker 2 name ALTIMPC\_I

MM\_264\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: CD45, TCRd,

---

## ALTERNATIVE - Panel A additional marker 2 clone ALTIMPC\_

IMM\_265\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 30-F11, GL3,

---

## ALTERNATIVE - Panel A additional marker 2 fluorochrome ALTIMPC\_IMM\_266\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV711, BV785,

---

## ALTERNATIVE - Panel A additional marker 2 RRID ALTIMPC\_I

MM\_267\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

## ALTERNATIVE - Panel A additional maker 3 name ALTIMPC\_I

MM\_268\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: CD3, KLRG1,

---

## **ALTERNATIVE - Panel A additional marker 3 clone** ALTIMPC\_

IMM\_269\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 2F1, ebio500A2,

---

## **ALTERNATIVE - Panel A additional marker 3**

**fluorochrome** ALTIMPC\_IMM\_270\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Af700, BV605,

---

## **ALTERNATIVE - Panel A additional marker 3 RRID** ALTIMPC\_I

MM\_271\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Panel A additional maker 4 name** ALTIMPC\_I

MM\_272\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** GITR,

---

## **ALTERNATIVE - Panel A additional marker 4 clone** ALTIMPC\_

IMM\_273\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** DTA-1,

---

## **ALTERNATIVE - Panel A additional marker 4 fluorochrome** ALTIMPC\_IMM\_274\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

Options: BV786,

---

## **ALTERNATIVE - Panel A additional marker 4 RRID** ALTIMPC\_I

MM\_275\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Panel A additional maker 5 name** ALTIMPC\_I

MM\_276\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Panel A additional marker 5 clone** ALTIMPC\_I

IMM\_277\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A additional marker 5 fluorochrome

ALTIMPC\_IMM\_278\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel A additional marker 5 RRID

ALTIMPC\_I

MM\_279\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B anti-CD5 clone

ALTIMPC\_IMM\_280\_001 |

v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B anti-CD5 fluorochrome ALTIMPC\_IM

M\_281\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV421, eF450, PE-Gr-A,

---

## ALTERNATIVE - Panel B anti-CD5 RRID ALTIMPC\_IMM\_282\_001 |

v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B anti-Ly6G clone ALTIMPC\_IMM\_283\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** 1A8, RB6-8C5,

---

## **ALTERNATIVE - Panel B anti-Ly6G fluorochrome** ALTIMPC\_IM

M\_284\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BV421, BV785, violetFluor 450,

---

## **ALTERNATIVE - Panel B anti-Ly6G RRID** ALTIMPC\_IMM\_285\_001

| v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AB\_2566317, AB\_2737756,

---

## ALTERNATIVE - Panel B anti-CD19 clone ALTIMPC\_IMM\_286\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B anti-CD19 fluorochrome ALTIMPC\_I

MM\_287\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV510, PE-CF594, PE-Cy7,

---

## ALTERNATIVE - Panel B anti-CD19 RRID ALTIMPC\_IMM\_288\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2737915, AB\_394495,

---

## ALTERNATIVE - Panel B anti-Ly6C clone ALTIMPC\_IMM\_289\_001

| v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AL-21, HK1.4,

---

## ALTERNATIVE - Panel B anti-Ly6c fluorochrome ALTIMPC\_IM

M\_290\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BV785, FITC, PerCP Cy5.5,

---

## ALTERNATIVE - Panel B anti-Ly6c RRID ALTIMPC\_IMM\_291\_001 |

v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

Options: AB\_2723343, AB\_394628,

---

## **ALTERNATIVE - Panel B anti-CD21/35 clone** ALTIMPC\_IMM\_292\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Panel B anti-CD21/35 fluorochrome** ALTIMP C\_IMM\_293\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV605, PE,

---

## **ALTERNATIVE - Panel B anti-CD21/35 RRID** ALTIMPC\_IMM\_294\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** AB\_2738048, AB\_394532,

---

## **ALTERNATIVE - Panel B anti-CD11b clone** ALTIMPC\_IMM\_295\_01 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Panel B anti-CD11b fluorochrome** ALTIMPC\_IMM\_296\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** FITC, PE-CF594, PerCP-Cy5.5,

---

## **ALTERNATIVE - Panel B anti-CD11b RRID** ALTIMPC\_IMM\_297\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_11154216, AB\_2033995,

---

## ALTERNATIVE - Panel B anti-CD11c clone ALTIMPC\_IMM\_298\_01 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: HL3, N418,

---

## ALTERNATIVE - Panel B anti-CD11c fluorochrome ALTIMPC\_IMM\_299\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC, APC-Cy7, PE-Cy7,

---

## ALTERNATIVE - Panel B anti-CD11c RRID ALTIMPC\_IMM\_300\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_10611727, AB\_647251,

---

## ALTERNATIVE - Panel B anti-CD161 clone ALTIMPC\_IMM\_301\_0

01 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B anti-CD161 fluorochrome ALTIMPC\_

IMM\_302\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC, eFluor 780, PE,

---

## **ALTERNATIVE - Panel B anti-CD161 RRID** ALTIMPC\_IMM\_303\_001

| v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Panel B anti-MHCII clone** ALTIMPC\_IMM\_304\_001

| v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

---

## **ALTERNATIVE - Panel B anti-MHCII fluorochrome** ALTIMPC\_I

MM\_305\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Alexa 700, APC-Cy7, APC-eFluor(R) 780, BV650,

---

## ALTERNATIVE - Panel B anti-MHCII RRID ALTIMPC\_IMM\_306\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_1548783, AB\_2069377, AB\_2565975,

---

## ALTERNATIVE - Panel B Live/Dead stain ALTIMPC\_IMM\_307\_001

| v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Aqua, PI, Sytox Blue,

---

## ALTERNATIVE - Panel B additional maker 1 name ALTIMPC\_I

MM\_308\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B additional marker 1 clone ALTIMPC\_

IMM\_309\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B additional marker 1

**fluorochrome** ALTIMPC\_IMM\_310\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV605, BV711, FITC, PE-CF594,

---

## ALTERNATIVE - Panel B additional marker 1 RRID ALTIMPC\_I

MM\_311\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** AB\_2738524, AB\_2872202, AB\_394653,

---

## **ALTERNATIVE - Panel B additional maker 2 name** ALTIMPC\_I

MM\_312\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** CD317, F4/80,

---

## **ALTERNATIVE - Panel B additional marker 2 clone** ALTIMPC\_I

IMM\_313\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BM8, eBio927,

---

## **ALTERNATIVE - Panel B additional marker 2**

**fluorochrome** ALTIMPC\_IMM\_314\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC, PE-Cy7,

---

## ALTERNATIVE - Panel B additional marker 2 RRID ALTIMPC\_I

MM\_315\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - Panel B additional maker 3 name ALTIMPC\_I

MM\_316\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: CD45, F4/80,

---

## **ALTERNATIVE - Panel B additional marker 3 clone** ALTIMPC\_

IMM\_317\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 30-F11, BM8,

---

## **ALTERNATIVE - Panel B additional marker 3**

**fluorochrome** ALTIMPC\_IMM\_318\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV510, Cy5PE,

---

## **ALTERNATIVE - Panel B additional marker 3 RRID** ALTIMPC\_I

MM\_319\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Panel B additional maker 4 name** ALTIMPC\_I

MM\_320\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## **ALTERNATIVE - Panel B additional marker 4 clone** ALTIMPC\_I

IMM\_321\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Panel B additional marker 4 fluorochrome** ALTIMPC\_IMM\_322\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## ALTERNATIVE - Panel B additional marker 4 RRID ALTIMPC\_I

MM\_323\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## ALTERNATIVE - Panel B additional maker 5 name ALTIMPC\_I

MM\_324\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## ALTERNATIVE - Panel B additional marker 5 clone ALTIMPC\_

IMM\_325\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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## **ALTERNATIVE - Panel B additional marker 5 fluorochrome** ALTIMPC\_IMM\_326\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

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## **ALTERNATIVE - Panel B additional marker 5 RRID** ALTIMPC\_I MM\_327\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

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## **ALTERNATIVE - Analysis results file** ALTIMPC\_IMM\_328\_001 | v1.0

mediaParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE - A csv file with the analysis results for the mutant line

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