

# ALTERNATIVE - Immunophenotyping - one panel ALTCCP\_IMM\_001

## Parameters and Metadata

### ALTERNATIVE - Spleen weight ALTCCP\_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 - % of total events ALTCCP\_

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 - % of live leukocytes ALTCCP\_IMM\_00

3\_002 | v2.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - NKT cells - % of live leukocytes** ALTCCP\_IMM\_004\_002 | v2.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - NK cells - % of live leukocytes** ALTCCP\_IMM\_005\_002 | v2.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - CD4 T cells - % of live leukocytes ALTCCP\_I

MM\_007\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - CD8+ T cells - % of live leukocytes ALTCCP

\_IMM\_008\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - CD4+ NKT cells - % of live leukocytes ALT

CCP\_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** ALT

CP\_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** ALT

CCP\_IMM\_014\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - CD4+ T helper cells - % of live leukocytes**

ALTCCP\_IMM\_015\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - Total events** ALTCCP\_IMM\_026\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

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**ALTERNATIVE - Effector CD4+ T helper cells - % of live leukocytes** ALTCCP\_IMM\_028\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Resting CD4+ T helper cells - % of live leukocytes** ALTCCP\_IMM\_029\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Effector CD8+ T cells - % of live leukocytes

ALTCCP\_IMM\_032\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Naïve CD8+ T cells - % of live leukocytes

ALTCCP\_IMM\_033\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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

ALTCCP\_IMM\_034\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Effector CD4+ NKT cells - % of live leukocytes

ALTCCP\_IMM\_040\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Resting CD4+ NKT cells - % of live leukocytes

ALTCCP\_IMM\_041\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Effector CD4- NKT cells - % of live leukocytes** ALTCCP\_IMM\_046\_002 | v2.0

simpleParameter

Req. Analysis: false      Req. Upload: true      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Resting CD4- NKT cells - % of live leukocytes** ALTCCP\_IMM\_047\_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** ALTCCP\_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 ALTCCP\_I

MM\_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 ALTCCP\_I

MM\_052\_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** ALTCCP\_IMM\_054\_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** ALTCCP\_IMM\_055\_002 | v2.0

simpleParameter

Req. Analysis: false      Req. Upload: true      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - CD11b- NK cells - % of live leukocytes** ALTCCP\_IMM\_056\_002 | v2.0

simpleParameter

Req. Analysis: false      Req. Upload: true      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - CD11b+ NK cells - % of live leukocytes AL

TCCP\_IMM\_057\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Ly6C+ NKT cells - % of live leukocytes AL

TCCP\_IMM\_059\_002 | v2.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - B cells - % of live leukocytes ALTCCP\_IMM\_06

3\_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** ALTCCP\_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** ALTCCP

\_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** AL

TCCP\_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** AL  
TCCP\_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** ALTCCP  
\_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 ALTCCP\_IMM\_077\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: FACS,

---

## ALTERNATIVE - Equipment manufacturer ALTCCP\_IMM\_078\_002

| v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Cytex,

---

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Aurora,

---

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 2000,

---

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: none,

---

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: GentleMACS,

---

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

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Spleen Dissociation Kit,

---

## ALTERNATIVE - Cell digestion agent manufacturer ALTCCP\_

IMM\_084\_002 | v2.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Miltenyi Biotec,

---

## ALTERNATIVE - Cell digestion agent catalog number ALTCCP\_

IMM\_085\_002 | v2.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -



Options: 130-095-926,

---

**ALTERNATIVE - Cell counting performed** ALTCCP\_IMM\_086\_002  
| v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: post-lysis,

---

**ALTERNATIVE - Cell counting equipment manufacturer** ALTCCP\_IMM\_087\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Nextcelom,

---

**ALTERNATIVE - Cell counting equipment model** ALTCCP\_IMM\_088\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Cellometer Auto T4,

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Cellometer Auto T4,

-----

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: home brew,

-----

**ALTERNATIVE - Date and time of sacrifice** ALTCCP\_IMM\_092\_002

| v2.0

procedureMetadata

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

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

procedureMetadata

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: C

Description: ALTERNATIVE -

Options: 8,

**ALTERNATIVE - Balanced salt solution type** ALTCCP\_IMM\_096\_002 | v2.0

procedureMetadata

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

Options: HBSS,

---

## ALTERNATIVE - Balanced salt solution manufacturer ALTC

CP\_IMM\_097\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: home brew,

---

## ALTERNATIVE - Balanced salt solution catalog number AL

TCCP\_IMM\_098\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: home brew,

---

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

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** none used,

---

## ALTERNATIVE - RPMI catalog number ALTCCP\_IMM\_100\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** none used,

---

## ALTERNATIVE - DNase I manufacturer ALTCCP\_IMM\_101\_002 | v2.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

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## ALTERNATIVE - DNase I catalog number ALTCCP\_IMM\_102\_002 | v2.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: none used,

---

**ALTERNATIVE - Dead cell exclusion dye** ALTCCP\_IMM\_103\_002 |  
v2.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: SYTOX Blue nucleic acid stain,

---

**ALTERNATIVE - Dead cell exclusion dye manufacturer** ALT  
CCP\_IMM\_104\_002 | v2.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: Invitrogen by Thermo Fisher,

---

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

LTCCP\_IMM\_105\_002 | v2.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** S11348,

---

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

TCCP\_IMM\_106\_002 | v2.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 37,

---

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

[procedure](#)[Metadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** No,

---

## ALTERNATIVE - Collection buffer manufacturer ALTCCP\_IMM\_110\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: home brew,

---

## ALTERNATIVE - Collection buffer catalog number number ALTCCP\_IMM\_111\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: home brew,

---

## ALTERNATIVE - FACS buffer manufacturer ALTCCP\_IMM\_112\_002 | v2.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false



**Description:** ALTERNATIVE -

**Options:** home brew,

---

**ALTERNATIVE - FACS buffer catalog number** ALTCCP\_IMM\_11

3\_002 | v2.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** home brew,

---

**ALTERNATIVE - Enzyme buffer manufacturer** ALTCCP\_IMM\_11

4\_002 | v2.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** Miltenyi Biotec,

---

**ALTERNATIVE - Enzyme buffer catalog number** ALTCCP\_IMM

\_115\_002 | v2.0

procedureMetadata

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

Options: 130-095-926,

-----

**ALTERNATIVE - Clog- events** ALTCCP\_IMM\_117\_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** AL

TCCP\_IMM\_119\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

-----

## ALTERNATIVE - Effector Treg cells - % of live leukocytes

ALTCCP\_IMM\_120\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Effector T cells - % of live leukocytes ALT

CCP\_IMM\_121\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrp1+ CD4- NKT cells - % of live leukocytes

ALTCCP\_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

ALTCCP\_IMM\_123\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ CD4+ T helper cells - % of live leukocytes

ALTCCP\_IMM\_124\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ CD8 T cells - % of live leukocytes

ALTCCP\_IMM\_125\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - Klrg1+ NK cells - % of live leukocytes** ALT

CCP\_IMM\_126\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Klrg1+ Treg cells - % of live leukocytes** AL

TCCP\_IMM\_127\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Klrg1+ T cells - % of live leukocytes** ALTCC

P\_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 AL

TCCP\_IMM\_129\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Resting Treg cells - % of live leukocytes A

LTCCP\_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 ALT

CCP\_IMM\_131\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - T cells - % of live leukocytes ALTCCP\_IMM\_13

3\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - CD4- NKT cells - % of NKT cells ALTCCP\_IM

M\_134\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - CD4+ NKT cells - % of NKT cells** ALTCCP\_IMM\_135\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - CD4+ T cells - % of T cells** ALTCCP\_IMM\_136\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - CD4+ T helper cells - % of CD4 T cells** ALTCCP\_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** ALTCCP\_IMM\_138\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Effector CD4- NKT cells - % of CD4- NKT cells** ALTCCP\_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

ALTCCP\_IMM\_140\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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

ALTCCP\_IMM\_141\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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

ALTCCP\_IMM\_142\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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## ALTERNATIVE - Effector NK cells - % of NK cells ALTCCP\_IM

M\_143\_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 Treg cells ALTCCP

\_IMM\_144\_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 T cells ALTCCP\_IMM\_1

45\_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 CD4- NKT cells

ALTCCP\_IMM\_146\_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 CD4+ NKT cells

ALTCCP\_IMM\_147\_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 CD4+ T helper cells

ALTCCP\_IMM\_148\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Klrg1+ CD8 T cells - % of CD8+ T cells** ALT  
CCP\_IMM\_149\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

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**ALTERNATIVE - Klrg1+ NK cells - % of NK cells** ALT  
CCP\_IMM\_150\_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 Treg cells ALTCCP\_I

MM\_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 ALTCCP\_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

CCP\_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 ALTCCP\_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 ALTCCP\_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 ALTCCP\_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

ALTCCP\_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

ALTCCP\_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 ALTCCP

\_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 ALTCCP\_IMM\_1

60\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Treg cells - % of CD4 T cells ALTCCP\_IMM\_161

\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - B1a cells - % of B cells ALTCCP\_IMM\_164\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b-high cDC - % of conventional DC ALTCCP\_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 ALTCCP\_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** ALT

CP\_IMM\_168\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

**ALTERNATIVE - CD11b- NK cells - % of NK cells** ALTCCP\_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** ALTCCP\_IM

M\_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** ALTCCP\_IMM\_17  
3\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

-----

**ALTERNATIVE - Follicular B cells - % of B cells** ALTCCP\_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 AL

TCCP\_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 AL

TCCP\_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 ALTCCP\_I

MM\_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** ALTCCP  
\_IMM\_178\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** %

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - T cells - cell count** ALTCCP\_IMM\_181\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - CD8+ T cells - cell count** ALTCCP\_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** ALTCCP\_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** ALTCCP\_IM

M\_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 ALTCCP\_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 ALTCCP\_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 ALTCCP\_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 ALTCCP\_IMM

\_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

LTCCP\_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

LTCCP\_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

TCCP\_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** ALTCCP\_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** ALTCCP\_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 ALTCCP\_IMM\_1

95\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - Klrg1+ Treg cells - cell count ALTCCP\_IMM\_19

6\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

---

## ALTERNATIVE - T cells - cell count ALTCCP\_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 ALTCCP\_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 ALTCCP\_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 ALTCCP\_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 ALTCCP\_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 ALTCCP\_IMM\_202\_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

## ALTERNATIVE - Effector CD4+ NKT cells - cell count ALTCC

P\_IMM\_203\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

## ALTERNATIVE - Resting CD4+ NKT cells - cell count ALTCC

P\_IMM\_204\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

## ALTERNATIVE - Klrp1+ CD4+ NKT cells - cell count ALTCCP

\_IMM\_205\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

## ALTERNATIVE - CD4- NKT cells - cell count ALTCCP\_IMM\_206\_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

## ALTERNATIVE - Effector CD4- NKT cells - cell count ALTCC

P\_IMM\_207\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

## ALTERNATIVE - Resting CD4- NKT cells - cell count ALTCCP

\_IMM\_208\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

## ALTERNATIVE - Klrp1+ CD4- NKT cells - cell count ALTCCP\_I

MM\_209\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -



**Derivation:** unimplemented()

---

## **ALTERNATIVE - NK cells - cell count** ALTCCP\_IMM\_210\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

## **ALTERNATIVE - Effector NK cells - cell count** ALTCCP\_IMM\_210\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

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

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

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

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

**ALTERNATIVE - Ly6C+ NKT cells - cell count** ALTCCP\_IMM\_216\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

**ALTERNATIVE - CD11b- NK cells - cell count** ALTCCP\_IMM\_218\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

**ALTERNATIVE - Ly6C+ CD11b- NK cells - cell count** ALTCCP\_IMM\_219\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

## ALTERNATIVE - CD11b+ NK cells - cell count ALTCCP\_IMM\_220\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

## ALTERNATIVE - Ly6C+ CD11b+ NK cells - cell count ALTCCP\_IMM\_221\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

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

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

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

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

**ALTERNATIVE - Follicular B cells - cell count** ALTCCP\_IMM\_225\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

## ALTERNATIVE - Marginal zone B cells - cell count ALTCCP\_I

MM\_226\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

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

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

## ALTERNATIVE - Conventional DC - cell count ALTCCP\_IMM\_23

0\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

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

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

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

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

**ALTERNATIVE - Plasmacytoid DC - cell count** ALTCCP\_IMM\_233\_001 | v1.0

simpleParameter

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

**ALTERNATIVE - Macrophages - cell count** ALTCCP\_IMM\_234\_001 | v1.0

simpleParameter

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---



**ALTERNATIVE - Monocytes - cell count** ALTCCP\_IMM\_235\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

**ALTERNATIVE - Granulocytes - cell count** ALTCCP\_IMM\_236\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Unit Measured: count

Description: ALTERNATIVE -

Derivation: unimplemented()

---

**ALTERNATIVE - Eosinophils - cell count** ALTCCP\_IMM\_237\_001 | v1.0

simpleParameter

Req. Analysis: false      Req. Upload: false      Is Annotated: false

**Unit Measured:** count

**Description:** ALTERNATIVE -

**Derivation:** unimplemented()

---

**ALTERNATIVE - IMPC Panel anti-CD5 clone** ALTCCP\_IMM\_238\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 53-7.3,

---

**ALTERNATIVE - IMPC Panel anti-CD5 fluorochrome** ALTCCP\_IMM\_239\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BV421,

---

## ALTERNATIVE - IMPC Panel anti-CD5 RRID ALTCCP\_IMM\_240\_0

01 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2737758,

---

## ALTERNATIVE - IMPC Panel anti-CD4 clone ALTCCP\_IMM\_241\_

001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: RM4-5,

---

## ALTERNATIVE - IMPC Panel anti-CD4 fluorochrome ALTCCP

\_IMM\_242\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BUV496,

---

## ALTERNATIVE - IMPC Panel anti-CD4 RRID ALTCCP\_IMM\_243\_0

01 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2870665,

---

## ALTERNATIVE - IMPC Panel anti-CD44 clone ALTCCP\_IMM\_244

\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: IM7,

---

## ALTERNATIVE - IMPC Panel anti-CD44 fluorochrome ALTCC

P\_IMM\_245\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** BUV805,

---

**ALTERNATIVE - IMPC Panel anti-CD44 RRID** ALTCCP\_IMM\_246

\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AB\_2871234,

---

**ALTERNATIVE - IMPC Panel anti-CD8a clone** ALTCCP\_IMM\_247

\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 53-6.7,

---

**ALTERNATIVE - IMPC Panel anti-CD8a fluorochrome** ALTCC

P\_IMM\_248\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BUV395,

---

## ALTERNATIVE - IMPC Panel anti-CD8a RRID ALTCCP\_IMM\_249\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AB\_2732919,

---

## ALTERNATIVE - IMPC Panel anti-CD25 clone ALTCCP\_IMM\_250\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** PC61,

---

## ALTERNATIVE - IMPC Panel anti-CD25 fluorochrome ALTCC

P\_IMM\_251\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: PE-Cy7,

---

## ALTERNATIVE - IMPC Panel anti-CD25 RRID ALTCCP\_IMM\_252

\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_394509,

---

## ALTERNATIVE - IMPC Panel anti-CD161 clone ALTCCP\_IMM\_2

53\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: PK136,

---

## ALTERNATIVE - IMPC Panel anti-CD161 fluorochrome ALTCCP\_IMM\_25

CP\_IMM\_254\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: PE-CF594,

---

## ALTERNATIVE - IMPC Panel anti-CD161 RRID ALTCCP\_IMM\_25

5\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2737850,

---

## ALTERNATIVE - IMPC Panel anti-CD62L clone ALTCCP\_IMM\_2

56\_001 | v1.0

[procedureMetadata](#)



Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: MEL-14,

---

**ALTERNATIVE - IMPC Panel anti-CD62L fluorochrome** ALT  
CCP\_IMM\_257\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC-Cy7,

---

**ALTERNATIVE - IMPC Panel anti-CD62L RRID** ALTCCP\_IMM\_25  
8\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_10611861,

---

**ALTERNATIVE - IMPC Panel Live/Dead stain** ALTCCP\_IMM\_259\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

Options: SYTOX Blue nucleic acid stain,

---

**ALTERNATIVE - IMPC Panel additional maker 1 name** ALTCP\_IMM\_260\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

**ALTERNATIVE - IMPC Panel additional marker 1 clone** ALTCCP\_IMM\_261\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

Options: GL3,

---

## ALTERNATIVE - IMPC Panel additional marker 1 fluorochrome

ALTCCP\_IMM\_262\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BUV661,

---

## ALTERNATIVE - IMPC Panel additional marker 1 RRID

ALTC

CP\_IMM\_263\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2874580,

---

## ALTERNATIVE - IMPC Panel additional maker 2 name

ALTC

CP\_IMM\_264\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - IMPC Panel additional marker 2 clone ALT

CCP\_IMM\_265\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: R1-2,

---

## ALTERNATIVE - IMPC Panel additional marker 2 fluorochrome ALT

CCP\_IMM\_266\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BB790,

---

## ALTERNATIVE - IMPC Panel additional marker 2 RRID ALTC

CP\_IMM\_267\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel additional maker 3 name** ALTC

CP\_IMM\_268\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel additional marker 3 clone** ALT

CCP\_IMM\_269\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 2F1,

---

**ALTERNATIVE - IMPC Panel additional marker 3  
fluorochrome** ALTCCP\_IMM\_270\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BB700,

---

## ALTERNATIVE - IMPC Panel additional marker 3 RRID ALTC

CP\_IMM\_271\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2871424,

---

## ALTERNATIVE - IMPC Panel additional maker 4 name ALTC

CP\_IMM\_272\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - IMPC Panel additional marker 4 clone ALT

CCP\_IMM\_273\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: DTA-1,

---

## ALTERNATIVE - IMPC Panel additional marker 4 fluorochrome

ALTCCP\_IMM\_274\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC,

---

## ALTERNATIVE - IMPC Panel additional marker 4 RRID

ALTC  
CP\_IMM\_275\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel anti-CD5 clone** ALTCCP\_IMM\_280\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

-----

**ALTERNATIVE - IMPC Panel anti-CD5 fluorochrome** ALTCCP\_IMM\_281\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

-----

**ALTERNATIVE - IMPC Panel anti-CD5 RRID** ALTCCP\_IMM\_282\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

-----



## ALTERNATIVE - IMPC Panel anti-Ly6G clone ALTCCP\_IMM\_283

\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 1A8,

---

## ALTERNATIVE - IMPC Panel anti-Ly6G fluorochrome ALTCC

P\_IMM\_284\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV650,

---

## ALTERNATIVE - IMPC Panel anti-Ly6G RRID ALTCCP\_IMM\_285

\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2740255,

---

## ALTERNATIVE - IMPC Panel anti-CD19 clone ALTCCP\_IMM\_286\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 1D3,

---

## ALTERNATIVE - IMPC Panel anti-CD19 fluorochrome ALTCCP\_IMM\_287\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BUV615,

---

## ALTERNATIVE - IMPC Panel anti-CD19 RRID ALTCCP\_IMM\_288\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

**Description:** ALTERNATIVE -

**Options:** AB\_2875235,

---

**ALTERNATIVE - IMPC Panel anti-Ly6C clone** ALTCCP\_IMM\_289\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AL-21,

---

**ALTERNATIVE - IMPC Panel anti-Ly6c fluorochrome** ALTCCP\_IMM\_290\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** FITC,

---

**ALTERNATIVE - IMPC Panel anti-Ly6c RRID** ALTCCP\_IMM\_291\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AB\_394628,

---

## ALTERNATIVE - IMPC Panel anti-CD21/35 clone ALTCCP\_IMM \_292\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** 7G6,

---

## ALTERNATIVE - IMPC Panel anti-CD21/35 fluorochrome AL TCCP\_IMM\_293\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BUV737,

---

## ALTERNATIVE - IMPC Panel anti-CD21/35 RRID ALTCCP\_IMM\_

294\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2870135,

---

## ALTERNATIVE - IMPC Panel anti-CD11b clone ALTCCP\_IMM\_2

95\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: M1/70,

---

## ALTERNATIVE - IMPC Panel anti-CD11b fluorochrome ALT

CCP\_IMM\_296\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: APC-R700,

---

## ALTERNATIVE - IMPC Panel anti-CD11b RRID ALTCCP\_IMM\_297\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2739033,

---

## ALTERNATIVE - IMPC Panel anti-CD11c clone ALTCCP\_IMM\_298\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: N418,

---

## ALTERNATIVE - IMPC Panel anti-CD11c fluorochrome ALTCCP\_IMM\_299\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV605,

---

**ALTERNATIVE - IMPC Panel anti-CD11c RRID** ALTCCP\_IMM\_30  
0\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2562415,

---

**ALTERNATIVE - IMPC Panel anti-CD161 clone** ALTCCP\_IMM\_3  
01\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel anti-CD161 fluorochrome** ALT

CP\_IMM\_302\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel anti-CD161 RRID** ALT

CCP\_IMM\_303\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel anti-MHCII clone** ALT

CCP\_IMM\_304\_001 | v1.0

[procedure](#)[Metadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: M5/114.15.2,

---



**ALTERNATIVE - IMPC Panel anti-MHCII fluorochrome** ALTC

CP\_IMM\_305\_001 | v1.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** BB630,

---

**ALTERNATIVE - IMPC Panel anti-MHCII RRID** ALTCCP\_IMM\_306

\_001 | v1.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** false

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel Live/Dead stain** ALTCCP\_IMM\_307

\_001 | v1.0

[procedure](#)[Metadata](#)

**Req. Analysis:** false      **Req. Upload:** false      **Is Annotated:** false

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel additional maker 1 name** ALTC

CP\_IMM\_308\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

---

**ALTERNATIVE - IMPC Panel additional marker 1 clone** ALT

CCP\_IMM\_309\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

Options: B3B4,

---

**ALTERNATIVE - IMPC Panel additional marker 1  
fluorochrome** ALTCCP\_IMM\_310\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false      Req. Upload: false      Is Annotated: false

Description: ALTERNATIVE -

Options: PE,

---

## ALTERNATIVE - IMPC Panel additional marker 1 RRID ALTC

CP\_IMM\_311\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_312832,

---

## ALTERNATIVE - IMPC Panel additional maker 2 name ALTC

CP\_IMM\_312\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - IMPC Panel additional marker 2 clone ALT

CCP\_IMM\_313\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: T45-2342,

---

## ALTERNATIVE - IMPC Panel additional marker 2 fluorochrome

ALTCCP\_IMM\_314\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BUV563,

---

## ALTERNATIVE - IMPC Panel additional marker 2 RRID

ALTC

CP\_IMM\_315\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: AB\_2873659,

---

## ALTERNATIVE - IMPC Panel additional maker 3 name

ALTC

CP\_IMM\_316\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

---

## ALTERNATIVE - IMPC Panel additional marker 3 clone ALT

CCP\_IMM\_317\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: 927,

---

## ALTERNATIVE - IMPC Panel additional marker 3 fluorochrome ALT

CCP\_IMM\_318\_001 | v1.0

[procedureMetadata](#)

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE -

Options: BV711,

---

**ALTERNATIVE - IMPC Panel additional marker 3 RRID** ALTC

CP\_IMM\_319\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** ALTERNATIVE -

**Options:** AB\_2744172,

---

**ALTERNATIVE - AIM T cells - % of live leukocytes** ALTCCP\_I

MM\_329\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** %

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - AIM T cells - % of CD8+ T cells** ALTCCP\_IMM\_

330\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** %

**Description:** ALTERNATIVE -

---

## ALTERNATIVE - CD11b-low cDC - % of of live leukocytes

ALTCCP\_IMM\_331\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - CD11b-high cDC - % of live leukocytes AL

TCCP\_IMM\_332\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE -

---

## ALTERNATIVE - Live cells - cell count ALTCCP\_IMM\_333\_001 | v1.

0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - AIM CD8+ Tcells - cell count** ALTCCP\_IMM\_334\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Description:** ALTERNATIVE -

---

**ALTERNATIVE - B1a cells - % of live** ALTCCP\_IMM\_335\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Unit Measured:** %

**Description:** ALTERNATIVE -

---