

ALTERNATIVE - Mesenteric Lymph Node Immunophenotyping ALTMGP_MLN_001

Parameters and Metadata

ALTERNATIVE - Total T cells - % of CD45+ ALTMGP_MLN_001_001 | v1.1
simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - total_t_cells_of_cd45

ALTERNATIVE - Total ab T cells - % of total T cells ALTMGP_MLN_002_001 | v1.1
simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - total_ab_t_cells_of_total_t_cells

ALTERNATIVE - Total CD4+ T cells - % of ab T cells ALTMGP

_MLN_003_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd4_t_cells_of_ab_t_cells

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

N_004_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cd4_t_helper_cells_of_cd4

ALTERNATIVE - Effector CD4+ T helper cells - % of CD4+ T helper cells ALTMGP_MLN_005_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_cd4_t_helper_cells_of_cd4_t_helper_cells

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

ALTMGP_MLN_006_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd4_t_helper_cells_of_cd4_t_helper_cells

ALTERNATIVE - KLRG1+ CD4+ T helper cells - % of CD4+ T helper cells

ALTMGP_MLN_007_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrG1_cd4_t_helper_cells_of_cd4_t_helper_cells

ALTERNATIVE - Total Treg cells - % of CD4+ T helper cells

ALTMGP_MLN_008_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_treg_cells_of_cd4

ALTERNATIVE - Effector Treg cells - % of Treg ALTMGP_MLN_

009_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_treg_cells_of_treg

ALTERNATIVE - Resting Treg cells - % of Treg ALTMGP_MLN_

010_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_treg_cells_of_treg

ALTERNATIVE - KLRG1+ Treg cells - % of Treg ALTMGP_MLN_

_011_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - klrg1_treg_cells_of_treg

ALTERNATIVE - Total CD8+ T cells - % of ab T cells ALTMGP
_MLN_012_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - total_cd8_t_cells_of_ab_t_cells

ALTERNATIVE - Effector CD8+ T cells - % of CD8+ ALTMGP_
MLN_013_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - effector_cd8_t_cells_of_cd8

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

MLN_014_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd8_t_cells_of_cd8

ALTERNATIVE - Naive CD8+ T cells - % of CD8+ ALTMGP_ML

N_015_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - naive_cd8_t_cells_of_cd8

ALTERNATIVE - KLRG1+ CD8+ T cells - % of CD8+ ALTMGP_

MLN_016_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_cd8_t_cells_of_cd8

ALTERNATIVE - Total gd T cells - % of total T cells ALTMGP_MLN_017_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - total_gd_t_cells_of_total_t_cells

ALTERNATIVE - CD5+ gd T cells - % of gd T cells ALTMGP_MLN_018_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - cd5_gd_t_cells_of_gd_t_cells

ALTERNATIVE - Effector gd T cells - % of gd T cells ALTMGP_MLN_019_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_gd_t_cells_of_gd_t_cells

ALTERNATIVE - Resting gd T cells - % of gd T cells ALTMGP

_MLN_020_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_gd_t_cells_of_gd_t_cells

ALTERNATIVE - KLRG1+ gd T cells - % of gd T cells ALTMG

P_MLN_021_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klr1_gd_t_cells_of_gd_t_cells

ALTERNATIVE - Total NKT cells - % of CD45+ ALT

22_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_nkt_cells_of_cd45

ALTERNATIVE - Total CD4- NKT cells - % of NKT cells ALT

MGP_MLN_023_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd4_nkt_cells_of_nkt_cells

ALTERNATIVE - Effector CD4- NKT cells - % of CD4- NKT cells ALT

MGP_MLN_024_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_cd4_nkt_cells_of_cd4_nkt_cells

ALTERNATIVE - Resting CD4- NKT cells - % of CD4- NKT cells

ALTMGP_MLN_025_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd4_nkt_cells_of_cd4_nkt_cells

ALTERNATIVE - KLRG1+ CD4- NKT cells - % of CD4- NKT cells

ALTMGP_MLN_026_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klr1_cd4_nkt_cells_of_cd4_nkt_cells

ALTERNATIVE - Total CD4+ NKT cells - % of NKT cells

ALTMGP_MLN_027_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd4_nkt_cells_of_nkt_cells

ALTERNATIVE - Effector CD4+ NKT cells - % of CD4+ NKT cells

ALTMGP_MLN_028_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_cd4_nkt_cells_of_cd4_nkt_cells

ALTERNATIVE - Resting CD4+ NKT cells - % of CD4+ NKT cells

ALTMGP_MLN_029_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd4_nkt_cells_of_cd4_nkt_cells

ALTERNATIVE - KLRG1+ CD4+ NKT cells - % of CD4+ NKT cells

ALTMGP_MLN_030_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_cd4_nkt_cells_of_cd4_nkt_cells

ALTERNATIVE - Total NK cells - % of CD45+ ALTMGP_MLN_031_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_nk_cells_of_cd45

ALTERNATIVE - Effector NK cells - % of NK cells ALTMGP_MLN_032_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_nk_cells_of_nk_cells

ALTERNATIVE - Resting NK cells - % of NK cells ALTMGP_ML

N_033_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_nk_cells_of_nk_cells

ALTERNATIVE - KLRG1+ NK cells - % of NK cells ALTMGP_M

LN_034_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_nk_cells_of_nk_cells

ALTERNATIVE - Total B cells - % of CD45+ ALTMGP_MLN_035_0

01 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_b_cells_of_cd45

ALTERNATIVE - B1a cells - % of B cells ALTMGP_MLN_036_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - b1a_cells_of_b_cells

ALTERNATIVE - Total B2 cells - % of B cells ALTMGP_MLN_037_001 | v1.1

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - total_b2_cells_of_b_cells

ALTERNATIVE - Marginal zone B cells - % of B2 cells ALTMGP_MLN_038_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - marginal_zone_b_cells_of_b2_cells

ALTERNATIVE - Marginal zone precursor B cells - % of B2 cells ALTMGP_MLN_039_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - marginal_zone_precursor_b_cells_of_b2_cells

ALTERNATIVE - Transitional 1 B cells - % of B2 cells ALTMGP_MLN_040_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - transitional_1_b_cells_of_b2_cells

ALTERNATIVE - Transitional 2 B cells - % of B2 cells ALTMG

P_MLN_041_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - transitional_2_b_cells_of_b2_cells

ALTERNATIVE - Follicular B cells - % of B2 cells ALTMGP_ML

N_042_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - follicular_b_cells_of_b2_cells

ALTERNATIVE - Germinal centre B cells - % of B2 cells ALT

MGP_MLN_043_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - germinal_centre_b_cells_of_b2_cells

ALTERNATIVE - Early germinal centre B cells - % of B2 cells

ALTMGP_MLN_044_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - early_germinal_centre_b_cells_of_b2_cells

ALTERNATIVE - Late germinal centre B cells - % of B2 cells

ALTMGP_MLN_045_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - late_germinal_centre_b_cells_of_b2_cells

ALTERNATIVE - Plasma cells - % of B2 cells

ALTMGP_MLN_046_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - plasma_cells_of_b2_cells

ALTERNATIVE - Memory B cells - % of B2 cells ALTMGP_MLN_047_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - memory_b_cells_of_b2_cells

ALTERNATIVE - B2 marginal zone + precursor cells - % of B2 cells ALTMGP_MLN_048_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - b2_marginal_zone_precursor_cells_of_b2_cells

ALTERNATIVE - B2 t1 + t2 cells - % of B2 cells ALTMGP_MLN_049_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - b2_t1_t2_cells_of_b2_cells

ALTERNATIVE - B2 t3 + f1 + f2 + gc cells - % of B2 cells AL

TMGP_MLN_050_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - b2_t3_f1_f2_gc_cells_of_b2_cells

ALTERNATIVE - Total myeloid cells - % of CD45+ ALTMGP_M

LN_051_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_myeloid_cells_of_cd45

ALTERNATIVE - Macrophages - % of myeloid cells ALTMGP_

MLN_052_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - macrophages_of_myeloid_cells

ALTERNATIVE - Granulocytes + monocytes - % of myeloid cells ALTMGP_MLN_053_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - granulocytes_monocytes_of_myeloid_cells

ALTERNATIVE - Granulocytes - % of myeloid cells ALTMGP_

MLN_054_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - granulocytes_of_myeloid_cells

ALTERNATIVE - Monocytes - % of myeloid cells ALTMGP_ML

N_055_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - monocytes_of_myeloid_cells

ALTERNATIVE - Eosinophils - % of myeloid cells ALTMGP_ML

N_056_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - eosinophils_of_myeloid_cells

ALTERNATIVE - Total DC - % of myeloid cells ALTMGP_MLN_0

57_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_dc_of_myeloid_cells

ALTERNATIVE - Plasmacytoid DC - % of DC ALTMGP_MLN_058_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - plasmacytoid_dc_of_dc

ALTERNATIVE - Conventional DC (cDC) - % of DC ALTMGP_MLN_059_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conventional_dc_cdc_of_dc

ALTERNATIVE - CD11b-high cDC - % of cDC ALTMGp_MLN_060

_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conventional_cd11b_type_dc_of_cdc

ALTERNATIVE - CD11b-low cDC - % of cDC ALTMGp_MLN_061_

001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conventional_cd8a_type_dc_of_cdc

ALTERNATIVE - CD103+ CD11b-low cDC - % of CD11b-low cDC ALTMGp_MLN_062_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cd103_cd8a_type_dc_of_cd8_type_cdc

ALTERNATIVE - Total ab T cells - % of CD45+ ALTMGP_MLN_0

63_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_ab_t_cells_of_cd45

ALTERNATIVE - Total CD4+ T cells - % of CD45+ ALTMGP_ML

N_064_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd4_t_cells_of_cd45

ALTERNATIVE - CD4+ T helper cells - % of CD45+ ALTMGP_

MLN_065_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cd4_t_helper_cells_of_cd45

ALTERNATIVE - Effector CD4+ T helper cells - % of CD45+

ALTMGP_MLN_066_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_cd4_t_helper_cells_of_cd45

ALTERNATIVE - Resting CD4+ T helper cells - % of CD45+

ALTMGP_MLN_067_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd4_t_helper_cells_of_cd45

ALTERNATIVE - KLRG1+ CD4+ T helper cells - % of CD45+

ALTMGP_MLN_068_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_cd4_t_helper_cells_of_cd45

ALTERNATIVE - Total Treg cells - % of CD45+ ALTMGP_MLN_069_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_treg_cells_of_cd45

ALTERNATIVE - Effector Treg cells - % of CD45+ ALTMGP_MLN_070_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_treg_cells_of_cd45

ALTERNATIVE - Resting Treg cells - % of CD45+ ALTMGP_ML

N_071_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_treg_cells_of_cd45

ALTERNATIVE - KLRG1+ Treg cells - % of CD45+ ALTMGP_M

LN_072_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_treg_cells_of_cd45

ALTERNATIVE - Total CD8+ T cells - % of CD45+ ALTMGP_ML

N_073_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd8_t_cells_of_cd45

ALTERNATIVE - Effector CD8+ T cells - % of CD45+ ALTMGP
_MLN_074_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - effector_cd8_t_cells_of_cd45

ALTERNATIVE - Resting CD8+ T cells - % of CD45+ ALTMGP
_MLN_075_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - resting_cd8_t_cells_of_cd45

ALTERNATIVE - Naive CD8+ T cells - % of CD45+ ALTMGP_M
LN_076_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - naive_cd8_t_cells_of_cd45

ALTERNATIVE - KLRG1+ CD8+ T cells - % of CD45+ ALTMG

P_MLN_077_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_cd8_t_cells_of_cd45

ALTERNATIVE - Total gd T cells - % of CD45+ ALTMGP_MLN_0

78_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_gd_t_cells_of_cd45

ALTERNATIVE - CD5+ gd T cells - % of CD45+ ALTMGp_MLN_0

79_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cd5_gd_t_cells_of_cd45

ALTERNATIVE - Effector gd cells - % of CD45+ ALTMGp_MLN_

080_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_gd_cells_of_cd45

ALTERNATIVE - Resting gd T cells - % of CD45+ ALTMGp_ML

N_081_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_gd_t_cells_of_cd45

ALTERNATIVE - KLRG1+ gd T cells - % of CD45+ ALTMGP_M

LN_082_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_gd_t_cells_of_cd45

ALTERNATIVE - Total CD4- NKT cells - % of CD45+ ALTMGP

_MLN_083_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd4_nkt_cells_of_cd45

ALTERNATIVE - Effector CD4- NKT cells - % of CD45+ ALT

MGP_MLN_084_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_cd4_nkt_cells_of_cd45

ALTERNATIVE - Resting CD4- NKT cells - % of CD45+ ALTM

GP_MLN_085_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd4_nkt_cells_of_cd45

ALTERNATIVE - KLRG1+ CD4- NKT cells - % of CD45+ ALT

MGP_MLN_086_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_cd4_nkt_cells_of_cd45

ALTERNATIVE - Total CD4+ NKT cells - % of CD45+ ALTMGP

_MLN_087_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_cd4_nkt_cells_of_cd45

ALTERNATIVE - Effector CD4+ NKT cells - % of CD45+ ALT

MGP_MLN_088_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_cd4_nkt_cells_of_cd45

ALTERNATIVE - Resting CD4+ NKT cells - % of CD45+ ALT

MGP_MLN_089_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_cd4_nkt_cells_of_cd45

ALTERNATIVE - KLRG1+ CD4+ NKT cells - % of CD45+ ALT

MGP_MLN_090_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - klrg1_cd4_nkt_cells_of_cd45

ALTERNATIVE - Effector NK cells - % of CD45+ ALTMGP_MLN

_091_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - effector_nk_cells_of_cd45

ALTERNATIVE - Resting NK cells - % of CD45+ ALTMGP_MLN_

092_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - resting_nk_cells_of_cd45

ALTERNATIVE - KLRG1+ NK cells - % of CD45+ ALTMGP_MLN_093_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - klrg1_nk_cells_of_cd45

ALTERNATIVE - B1a cells - % of CD45+ ALTMGP_MLN_094_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - b1a_cells_of_cd45

ALTERNATIVE - Total B2 cells - % of CD45+ ALTMGP_MLN_095_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_b2_cells_of_cd45

ALTERNATIVE - Marginal zone B cells - % of CD45+ ALTMGP

_MLN_096_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - marginal_zone_b_cells_of_cd45

ALTERNATIVE - Marginal zone precursor B cells - % of CD45+ ALTMGP_MLN_097_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - marginal_zone_precursor_b_cells_of_cd45

ALTERNATIVE - Transitional 1 B cells - % of CD45+ ALTMGP

_MLN_098_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - transitional_1_b_cells_of_cd45

ALTERNATIVE - Transitional 2 B cells - % of CD45+ ALTMGP

_MLN_099_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - transitional_2_b_cells_of_cd45

ALTERNATIVE - Follicular B cells - % of CD45+ ALTMGP_MLN

_100_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - follicular_b_cells_of_cd45

ALTERNATIVE - Germinal centre B cells - % of CD45+ ALTM

GP_MLN_101_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - germinal_centre_b_cells_of_cd45

ALTERNATIVE - Early germinal centre B cells - % of CD45+ ALTMGP_MLN_102_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - early_germinal_centre_b_cells_of_cd45

ALTERNATIVE - Late germinal centre B cells - % of CD45+ ALTMGP_MLN_103_001 | v1.0

ALTMGP_MLN_103_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - late_germinal_centre_b_cells_of_cd45

ALTERNATIVE - Plasma cells - % of CD45+ ALTMGP_MLN_104_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - plasma_cells_of_cd45

ALTERNATIVE - Memory B cells - % of CD45+ ALTMGP_MLN_105_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - memory_b_cells_of_cd45

ALTERNATIVE - B2 marginal zone + precursor cells - % of CD45+ ALTMGP_MLN_106_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - b2_marginal_zone_precursor_cells_of_cd45

ALTERNATIVE - B2 t1 + t2 cells - % of CD45+ ALTMGP_MLN_107_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - b2_t1_t2_cells_of_cd45

ALTERNATIVE - B2 t3 + f1+ f2 + gc cells - % of CD45+ ALTMGP_MLN_108_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - b2_t3_f1_f2_gc_cells_of_cd45

ALTERNATIVE - Macrophages - % of CD45+ ALTMGP_MLN_109_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - macrophages_of_cd45

ALTERNATIVE - Granulocytes + monocytes - % of CD45+ ALTMGP_MLN_110_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - granulocytes_monocytes_of_cd45

ALTERNATIVE - Granulocytes - % of CD45+ ALTMGP_MLN_111_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - granulocytes_of_cd45

ALTERNATIVE - Monocytes - % of CD45+ ALTMGP_MLN_112_001
| v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - monocytes_of_cd45

ALTERNATIVE - Eosinophils - % of CD45+ ALTMGP_MLN_113_001 | v1.0

simpleParameter

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

Unit Measured: %

Description: ALTERNATIVE - eosinophils_of_cd45

ALTERNATIVE - Total DC - % of CD45+ ALTMGP_MLN_114_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - total_dc_of_cd45

ALTERNATIVE - Plasmacytoid DC - % of CD45+ ALTMGP_MLN
_115_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - plasmacytoid_dc_of_cd45

ALTERNATIVE - Conventional DC (cDC) - % of CD45+ ALTM
GP_MLN_116_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conventional_dc_of_cd45

ALTERNATIVE - CD11b-high cDC - % of CD45+ ALTMGP_MLN_

117_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conventional_cd11b_type_dc_of_cd45

ALTERNATIVE - CD11b-low cDC - % of CD45+ ALTMGP_MLN_1

18_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - conventional_cd8a_type_dc_of_cd45

ALTERNATIVE - CD103+ CD11b-low cDC - % of CD45+ ALT

MGP_MLN_119_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: %

Description: ALTERNATIVE - cd103_cd8a_type_dc_of_cd45

ALTERNATIVE - T cell panel CD45+ live cell count ALTMGP_

MLN_120_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - t_cell_panel_cd45_live_cell_count

ALTERNATIVE - B cell panel CD45+ live cell count ALTMGP_

MLN_121_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - b_cell_panel_cd45_live_cell_count

ALTERNATIVE - Myeloid panel CD45+ live cell count ALTMG

P_MLN_122_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - myeloid_panel_cd45_live_cell_count

ALTERNATIVE - Total T cells - cell count ALTMGP_MLN_123_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_t_cells_cell_count

ALTERNATIVE - Total ab T cells - cell count ALTMGP_MLN_124_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_ab_t_cells_cell_count

ALTERNATIVE - Total CD4+ T cells - cell count ALTMGP_MLN_

125_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_cd4_t_cells_cell_count

ALTERNATIVE - CD4+ T helper cells - cell count ALTMGP_ML

N_126_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cd4_t_helper_cells_cell_count

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

LTMGP_MLN_127_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_cd4_t_helper_cells_cell_count

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

LTMGP_MLN_128_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_cd4_t_helper_cells_cell_count

ALTERNATIVE - KLRG1+ CD4+ T helper cells - cell count

ALTMGP_MLN_129_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klr1_cd4_t_helper_cells_cell_count

ALTERNATIVE - Total Treg cells - cell count

ALTMGP_MLN_130

_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_treg_cells_cell_count

ALTERNATIVE - Effector Treg cells - cell count

ALTMGP_MLN_131_001 | v1.0

131_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_treg_cells_cell_count

ALTERNATIVE - Resting Treg cells - cell count ALTMGP_MLN_

132_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_treg_cells_cell_count

ALTERNATIVE - KLRG1+ Treg cells - cell count ALTMGP_MLN

_133_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klrg1_treg_cells_cell_count

ALTERNATIVE - Total CD8+ T cells - cell count ALTMGP_MLN_

134_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_cd8_t_cells_cell_count

ALTERNATIVE - Effector CD8+ T cells - cell count ALTMGP_M

LN_135_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_cd8_t_cells_cell_count

ALTERNATIVE - Resting CD8+ T cells - cell count ALTMGP_M

LN_136_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_cd8_t_cells_cell_count

ALTERNATIVE - Naive CD8+ T cells - cell count ALTMGP_MLN

_137_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - naive_cd8_t_cells_cell_count

ALTERNATIVE - KLRG1+ CD8+ T cells - cell count ALTMGP_

MLN_138_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klr1_cd8_t_cells_cell_count

ALTERNATIVE - Total gd T cells - cell count ALTMGP_MLN_139

_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_gd_t_cells_cell_count

ALTERNATIVE - CD5+ gd T cells - cell count ALTMGP_MLN_140

_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cd5_gd_t_cells_cell_count

ALTERNATIVE - Effector gd T cells - cell count ALTMGP_MLN_

141_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_gd_t_cells_cell_count

ALTERNATIVE - Resting gd T cells - cell count ALTMGP_MLN_

142_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_gd_t_cells_cell_count

ALTERNATIVE - KLRG1+ gd T cells - cell count ALTMGP_MLN

_143_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klrg1_gd_t_cells_cell_count

ALTERNATIVE - Total NKT cells - cell count ALTMGP_MLN_144_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_nkt_cells_cell_count

ALTERNATIVE - Total CD4- NKT cells - cell count ALTMGP_M

LN_145_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_cd4_nkt_cells_cell_count

ALTERNATIVE - Effector CD4- NKT cells - cell count ALTMG

P_MLN_146_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_cd4_nkt_cells_cell_count

ALTERNATIVE - Resting CD4- NKT cells - cell count ALTMG

P_MLN_147_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_cd4_nkt_cells_cell_count

ALTERNATIVE - KLRG1+ CD4- NKT cells - cell count ALTMG

P_MLN_148_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klrg1_cd4_nkt_cells_cell_count

ALTERNATIVE - Total CD4+ NKT cells - cell count ALTMGP_M

LN_149_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_cd4_nkt_cells_cell_count

ALTERNATIVE - Effector CD4+ NKT cells - cell count ALTMG

P_MLN_150_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_cd4_nkt_cells_cell_count

ALTERNATIVE - Resting CD4+ NKT cells - cell count ALTMG

P_MLN_151_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_cd4_nkt_cells_cell_count

ALTERNATIVE - KLRG1+ CD4+ NKT cells - cell count ALTM

GP_MLN_152_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klrg1_cd4_nkt_cells_cell_count

ALTERNATIVE - Total NK cells - cell count ALTMGP_MLN_153_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_nk_cells_cell_count

ALTERNATIVE - Effector NK cells - cell count ALTMGP_MLN_15

4_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - effector_nk_cells_cell_count

ALTERNATIVE - Resting NK cells - cell count ALTMGP_MLN_15

5_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - resting_nk_cells_cell_count

ALTERNATIVE - KLRG1+ NK cells - cell count ALTMGp_MLN_1

56_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - klrG1_nk_cells_cell_count

ALTERNATIVE - Total B cells - cell count ALTMGp_MLN_157_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_b_cells_cell_count

ALTERNATIVE - B1a cells - cell count ALTMGp_MLN_158_001 | v1.

0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - b1a_cells_cell_count

ALTERNATIVE - Total B2 cells - cell count ALTMGP_MLN_159_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_b2_cells_cell_count

ALTERNATIVE - Marginal zone B cells - cell count ALTMGP_

MLN_160_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - marginal_zone_b_cells_cell_count

ALTERNATIVE - Marginal zone precursor B cells - cell count ALTMGP_MLN_161_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - marginal_zone_precursor_b_cells_cell_count

ALTERNATIVE - Transitional 1 B cells - cell count ALTMGP_M

LN_162_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - transitional_1_b_cells_cell_count

ALTERNATIVE - Transitional 2 B cells - cell count ALTMGP_M

LN_163_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - transitional_2_b_cells_cell_count

ALTERNATIVE - Follicular B cells - cell count ALTMGP_MLN_16

4_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - follicular_b_cells_cell_count

ALTERNATIVE - Germinal centre B cells - cell count ALTMG

P_MLN_165_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - germinal_centre_b_cells_cell_count

ALTERNATIVE - Early germinal centre B cells - cell count

ALTMGP_MLN_166_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - early_germinal_centre_b_cells_cell_count

ALTERNATIVE - Late germinal centre B cells - cell count A

LTMGP_MLN_167_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - late_germinal_centre_b_cells_cell_count

ALTERNATIVE - Plasma cells - cell count ALTMGP_MLN_168_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - plasma_cells_cell_count

ALTERNATIVE - Memory B cells - cell count ALTMGP_MLN_169

_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - memory_b_cells_cell_count

ALTERNATIVE - B2 marginal zone + precursor cells - cell count ALTMGP_MLN_170_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - b2_marginal_zone_precursor_cells_cell_count

ALTERNATIVE - B2 t1 + t2 cells - cell count ALTMGP_MLN_171_001 | v1.0
simpleParameter

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

Description: ALTERNATIVE - b2_t1_t2_cells_cell_count

ALTERNATIVE - B2 t3 + f1+ f2 + gc cells - cell count ALTMGP_MLN_172_001 | v1.0
simpleParameter

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

Description: ALTERNATIVE - b2_t3_f1_f2_gc_cells_cell_count

ALTERNATIVE - Total myeloid cells - cell count ALTMGP_MLN_173_001 | v1.0
simpleParameter

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

Description: ALTERNATIVE - total_myeloid_cells_cell_count

ALTERNATIVE - Macrophages - cell count ALTMGP_MLN_174_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - macrophages_cell_count

ALTERNATIVE - Granulocytes + monocytes - cell count AL

TMGP_MLN_175_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - granulocytes_monocytes_cell_count

ALTERNATIVE - Granulocytes - cell count ALTMGP_MLN_176_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - granulocytes_cell_count

ALTERNATIVE - Monocytes - cell count ALTMGP_MLN_177_001 |

v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - monocytes_cell_count

ALTERNATIVE - Eosinophils - cell count ALTMGP_MLN_178_001

| v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - eosinophils_cell_count

ALTERNATIVE - Total DC - cell count ALTMGP_MLN_179_001 | v1.

0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - total_dc_cell_count

ALTERNATIVE - Plasmacytoid DC - cell count ALTMGF_MLN_1

80_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - plasmacytoid_dc_cell_count

ALTERNATIVE - Conventional DC (cDC) - cell count ALTMGF

_MLN_181_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - conventional_dc_cell_count

ALTERNATIVE - CD11b-high cDC - cell count ALTMGF_MLN_18

2_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - conventional_cd11b_type_dc_cell_count

ALTERNATIVE - CD11b-low cDC - cell count ALTMGP_MLN_183_001 | v1.1
simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - conventional_cd8a_type_dc_cell_count

ALTERNATIVE - CD103+ CD11b-low cDC - cell count ALTMGP_MLN_184_001 | v1.1
simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - cd103_cd8a_type_dc_cell_count

ALTERNATIVE - T cell panel singlets cell count ALTMGP_MLN_185_001 | v1.0
simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - t_cell_panel_singlets_cell_count

ALTERNATIVE - B cell panel singlets cell count ALTMGP_MLN

_186_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - b_cell_panel_singlets_cell_count

ALTERNATIVE - Myeloid panel singlets cell count ALTMGP_M

LN_187_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - myeloid_panel_singlets_cell_count

ALTERNATIVE - T cell panel live cell count ALTMGP_MLN_188_0

01 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - t_cell_panel_live_cell_count

ALTERNATIVE - B cell panel live cell count ALTMGMP_MLN_189_

001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - b_cell_panel_live_cell_count

ALTERNATIVE - Myeloid panel live cell count ALTMGMP_MLN_19

0_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - myeloid_panel_live_cell_count

ALTERNATIVE - T cell panel lymphocyte gate cell count AL

TMGP_MLN_191_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - t_cell_panel_lymphocyte_gate_cell_count

ALTERNATIVE - B cell panel lymphocyte gate cell count A

LTMGP_MLN_192_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - b_cell_panel_lymphocyte_gate_cell_count

ALTERNATIVE - Myeloid panel lymphocyte gate cell count

ALTMGP_MLN_193_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - myeloid_panel_lymphocyte_gate_cell_count

ALTERNATIVE - 3i T cell panel

ALTMGP_MLN_194_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - 3i_t_cell_panel

Options:

(C) CD45 Qdot605, CD5 BV510, TCRd PE-Cy7, CD8a AF700, CD4 BV786, CD161 BV650, CD44 FITC, CD62L PerCP-Cy5.5, CD25 APC, KLRG1 BV421, GITR PE, Live/dead near IR,
(A) CD45 NC605, TCRb AF700, TCRd PE-Cy7, CD8a BV510, CD4 BV786, CD161 BV650, CD44 FITC, CD62L PerCP-Cy5.5, CD25 APC, KLRG1 BV421, GITR PE,

(B) CD45 NC605, TCRb AF700, TCRd PE-Cy7, CD8a BV510, CD4 BV786, CD161 BV650, CD44 FITC, CD62L PerCP-Cy5.5, CD25 APC, KLRG1 BV421, GITR PE, Live/dead near IR, (D) failed,

ALTERNATIVE - 3i B cell panel ALTMGP_MLN_195_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - 3i_b_cell_panel

Options:

(B) CD45 NC605, B220 AF700, CD19 BV786, CD5 BV510, CD21/35 FITC, CD23 BV421, GL-7 AF647, IgM PE-Cy7, IgD PerCP-Cy5.5, CD93 PE, CD138 BV650, Live/dead near IR, (A) CD45 NC605, B220 AF700, CD19 BV786, CD5 BV510, CD21/35 FITC, CD23 BV421, GL-7 PE, IgM PE-Cy7, CD93 PerCP-Cy5.5, CD138 BV650, Live/dead near IR, (C) CD45 Qdot605, B220 AF700, CD5 BV510, CD21/35 FITC, CD23 BV421, GL-7 AF647, IgM BV786, IgD PerCP-Cy5.5, IgG1 PE, CD95 PE-Cy7, CD138 BV650, Live/dead near IR, (D) failed,

ALTERNATIVE - 3i Myeloid panel ALTMGP_MLN_196_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - 3i_myeloid_panel

Options:

(B) CD45 Qdot605, CD11c BV786, CD11b BV510, F4/80 PerCP-Cy5.5, CD103 PE, CD317 BV650, CD86 PE-Cy7, MHC II FITC, Ly6C AF700, Ly6G APC, Dump (CD3, CD19, CD161) BV421, Live/dead near IR,

(A) CD45 NC605, CD11c BV711, CD11b BV510, F4/80 PerCP-Cy5.5, CD103 PE, CD317 APC, CD86 PE-Cy7, MHC II FITC, Gr1 AF700, Dump (CD3, CD19, CD161) BV421, Live /dead near IR,
(C) failed,

ALTERNATIVE - Tissue dissociation method ALTMGP_MLN_197_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - tissue_dissociation_method

Options: Pestle, GentleMACS, Centrifugation,

ALTERNATIVE - Collagenase digestion ALTMGP_MLN_198_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - collagenase_digestion

Options: Yes, No,

ALTERNATIVE - Buffers and enzymes

ALTMGP_MLN_199_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE - buffers_and_enzymes

Options: IMPC, pre-IMPC,

ALTERNATIVE - FACS sample status

ALTMGP_MLN_200_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - facs_sample_status

Options: Fresh, Fixed, Analysed next day unfixed, Prepared next day, analysed fresh,

ALTERNATIVE - FACS equipment name

ALTMGP_MLN_201_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE - facs_equipment_name

Options: Flow cytometer,

ALTERNATIVE - FACS equipment manufacturer

ALTMGP_MLN

_202_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - facs_equipment_manufacturer

Options: Beckton Dickinson, Beckman Coulter,

ALTERNATIVE - FACS equipment model

ALTMGP_MLN_203_001

| v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - facs_equipment_model

Options: LSR Fortessa X20, LSR II, FC500,

ALTERNATIVE - Comments

ALTMGP_MLN_204_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - comments

ALTERNATIVE - Anesthesia used for blood collection ALTM

GP_MLN_205_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Description: ALTERNATIVE - null

Options: Injection narcosis with Ketamine (100mg/kg)/Xylazine (10mg/kg),
Injection narcosis with Tribromoethanol (Avertin),

ALTERNATIVE - Images associated with FACS analysis AL

TMGP_MLN_206_001 | v1.0

seriesMediaParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: ALTERNATIVE - Optional series media parameter
