

# Immunophenotyping ICSLA\_IMM\_002

## Parameters and Metadata

### Spleen weight ICSLA\_IMM\_001\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: g

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### Percentage of live gated events in Panel A ICSLA\_IMM\_002\_001

| v1.7

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

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### T cells (panel A) ICSLA\_IMM\_003\_001 | v1.5

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **NKT cells (panel A)** ICSLA\_IMM\_004\_001 | v1.5

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **NK cells (panel A)** ICSLA\_IMM\_005\_001 | v1.5

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **Others** ICSLA\_IMM\_006\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD4 T cells** ICSLA\_IMM\_007\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD8 T cells** ICSLA\_IMM\_008\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## DN T cells ICSLA\_IMM\_009\_001 | v1.5

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## DP T cells ICSLA\_IMM\_010\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## CD4 NKT cells ICSLA\_IMM\_011\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## CD8 NKT cells ICSLA\_IMM\_012\_001 | v1.5

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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**DN NKT cells** ICSLA\_IMM\_013\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**CD4 CD25+ T cells** ICSLA\_IMM\_014\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**CD4 CD25- T cells** ICSLA\_IMM\_015\_001 | v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**CD4 CD44+CD62L- T cells** ICSLA\_IMM\_028\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD4 CD44+CD62L+ T cells** ICSLA\_IMM\_029\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD4 CD44-CD62L+ T cells** ICSLA\_IMM\_030\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD4 CD44-CD62L- T cells** ICSLA\_IMM\_031\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **CD8 CD44+CD62L- T cells** ICSLA\_IMM\_032\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## CD8 CD44+CD62L+ T cells ICSLA\_IMM\_033\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## CD8 CD44-CD62L+ T cells ICSLA\_IMM\_034\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## CD8 CD44-CD62L- T cells ICSLA\_IMM\_035\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## DN CD44+CD62L- T cells ICSLA\_IMM\_036\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## DN CD44+CD62L+ T cells ICSLA\_IMM\_037\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **DN CD44-CD62L+ T cells** ICSLA\_IMM\_038\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **DN CD44-CD62L- T cells** ICSLA\_IMM\_039\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **CD4 CD44+CD62L- NKT cells** ICSLA\_IMM\_040\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD4 CD44+CD62L+ NKT cells** ICSLA\_IMM\_041\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD4 CD44-CD62L+ NKT cells** ICSLA\_IMM\_042\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **CD8 CD44+CD62L- NKT cells** ICSLA\_IMM\_043\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **CD8 CD44+CD62L+ NKT cells** ICSLA\_IMM\_044\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## **CD8 CD44-CD62L+ NKT cells** ICSLA\_IMM\_045\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## DN CD44+CD62L- NKT cells ICSLA\_IMM\_046\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## DN CD44+CD62L+ NKT cells ICSLA\_IMM\_047\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## DN CD44-CD62L+ NKT cells ICSLA\_IMM\_048\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## Percentage of live gated events in Panel B ICSLA\_IMM\_049\_001 | v1.5

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: %

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## Neutrophils ICSLA\_IMM\_050\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## Monocytes ICSLA\_IMM\_051\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## Eosinophils ICSLA\_IMM\_052\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## NK Cells (panel B) ICSLA\_IMM\_053\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## NK Subsets (Q1) ICSLA\_IMM\_054\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## NK Subsets (Q2) ICSLA\_IMM\_055\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## NK Subsets (Q3) ICSLA\_IMM\_056\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## NK Subsets (Q4) ICSLA\_IMM\_057\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## NKT Cells (panel B) ICSLA\_IMM\_058\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **NKT Subsets (Q1)** ICSLA\_IMM\_059\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **NKT Subsets (Q3)** ICSLA\_IMM\_060\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **T Cells (panel B)** ICSLA\_IMM\_061\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **T subset (Ly6C+)** ICSLA\_IMM\_062\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **B Cells** ICSLA\_IMM\_063\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **B1B Cells** ICSLA\_IMM\_064\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **B2B Cells** ICSLA\_IMM\_065\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **Follicular B Cells** ICSLA\_IMM\_066\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **Transitional B Cells** ICSLA\_IMM\_068\_001 | v1.3

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **MZB** ICSLA\_IMM\_070\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **cDCs** ICSLA\_IMM\_072\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **cDCs CD11b Type** ICSLA\_IMM\_073\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **pDCs** ICSLA\_IMM\_074\_001 | v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## RP Macrophage (F4/80+) ICSLA\_IMM\_075\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## Equipment name ICSLA\_IMM\_077\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Options: FACS, Fortessa\_1, LSR II, Flow cytometer,

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## Equipment manufacturer ICSLA\_IMM\_078\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

Options: BD Biosciences, Beckman Coulter, IntelliCyt,

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## Equipment model ICSLA\_IMM\_079\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

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

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## CS&T Bead lot ICSLA\_IMM\_080\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

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## Anesthesia ICSLA\_IMM\_081\_001 | v1.0

procedureMetadata

Req. Analysis: true

Req. Upload: true

Is Annotated: false

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

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## Cell digestion ICSLA\_IMM\_082\_001 | v1.0

procedureMetadata



**Req. Analysis:** true

**Req. Upload:** true

**Is Annotated:** false

**Options:** GentleMACS, manual,

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## **Cell digestion agent** ICSLA\_IMM\_083\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Options:** Collagenase D, Collagenase II, Spleen Dissociation Kit,

---

## **Cell digestion agent manufacturer** ICSLA\_IMM\_084\_001 | v1.1

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Options:** Roche, Worthington, Gibco, Miltenyi Biotec,

---

## **Cell digestion agent catalog number** ICSLA\_IMM\_085\_001 | v1.2

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

---

## Cell counting ICSLA\_IMM\_086\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

---

## Cell counting equipment manufacturer ICSLA\_IMM\_087\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

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## Cell counting equipment model ICSLA\_IMM\_088\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

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## Cell counting equipment name ICSLA\_IMM\_089\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

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## Cell lysis buffer manufacturer ICSLA\_IMM\_090\_001 | v1.2

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Options: eBioscience, BD PharmLyse, Jax, JMC, LONZA, home brew,

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## Cell lysis buffer catalog number ICSLA\_IMM\_091\_001 | v1.2

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

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

---

## Date and time of sacrifice ICSLA\_IMM\_092\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

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## Date and time of sample preparation ICSLA\_IMM\_093\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

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## Sample storage temperature until analysis (in Celsius) ICSL

A\_IMM\_094\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Unit Measured: C

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## FCS repository reference (URL/ID) ICSLA\_IMM\_095\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## Total number of acquired events in Panel A ICSLA\_IMM\_026\_001

| v1.4

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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**Total number of acquired events in Panel B** ICSLA\_IMM\_027\_001  
| v1.2

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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**Balanced salt solution type** ICSLA\_IMM\_096\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Options: HBSS, PBS,

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**Balanced salt solution manufacturer** ICSLA\_IMM\_097\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

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

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**Balanced salt solution catalog number** ICSLA\_IMM\_098\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

---

## **RPMI manufacturer** ICSLA\_IMM\_099\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

---

## **RPMI catalog number** ICSLA\_IMM\_100\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

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

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## **DNase I manufacturer** ICSLA\_IMM\_101\_001 | v1.1

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Options:** Sigma, Spleen Dissociation Kit,

---

## **DNase I catalog number** ICSLA\_IMM\_102\_001 | v1.2

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Options:** DN25, D8764, 130-095-926,

---

## **Dead cell exclusion dye** ICSLA\_IMM\_103\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Options:** Sytox Blue, Sytox Green, Zombie NIR, DAPI, Propidium Iodide,

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## **Dead cell exclusion dye manufacturer** ICSLA\_IMM\_104\_001 | v1.0

[procedureMetadata](#)

**Req. Analysis:** false

**Req. Upload:** true

**Is Annotated:** false

**Options:** Life Technologies, Biolegend, Sigma, home brew,

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## Dead cell exclusion dye catalog number ICSLA\_IMM\_105\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Options: S34857, S-34860, 423106, D9542, S11348, home brew, R37606,

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## Cell digestion temperature (in Celsius) ICSLA\_IMM\_106\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Options: 37, RT,

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## Panel A FCS file(s) ICSLA\_IMM\_107\_001 | v1.0

seriesMediaParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Increments: Minimum 1

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## Panel B FCS file(s) ICSLA\_IMM\_108\_001 | v1.0



seriesMediaParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Increments: Minimum 1

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## Automated analysis ICSLA\_IMM\_109\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: true

Is Annotated: false

Options: Yes, No,

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## Collection buffer manufacturer ICSLA\_IMM\_110\_001 | v1.2

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Options: Life Technologies,

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## Collection buffer catalog number number ICSLA\_IMM\_111\_001 | v1.2

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Options: 24020,

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## **FACS buffer manufacturer** ICSLA\_IMM\_112\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Options: Life Technologies,

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## **FACS buffer catalog number** ICSLA\_IMM\_113\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Options: 14175,

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## **Enzyme buffer manufacturer** ICSLA\_IMM\_114\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Options: Life Technologies,

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## Enzyme buffer catalog number ICSLA\_IMM\_115\_001 | v1.1

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Options: 14025,

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## Cellularity ICSLA\_IMM\_116\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## Comment ICSLA\_IMM\_117\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

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## NK KLRG1+ cells ICSLA\_IMM\_118\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD24+ CD8 T cells** ICSLA\_IMM\_119\_001 | v1.1

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD24+ CD4 T cells** ICSLA\_IMM\_120\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **gd T cells** ICSLA\_IMM\_121\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **KLRG1+ CD4+ NKT cells** ICSLA\_IMM\_122\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **NKT DN KLRG1+ cells** ICSLA\_IMM\_123\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**NKCD44+CD62L- cells** ICSLA\_IMM\_124\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**NKCD44+CD62L+ cells** ICSLA\_IMM\_125\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**KLRG1+ CD8 T cells** ICSLA\_IMM\_126\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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**KLRG1+ CD4 T cells** ICSLA\_IMM\_127\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **Xcr1-type DC** ICSLA\_IMM\_128\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD44+ T-Regs** ICSLA\_IMM\_129\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **CD62L+ T-Regs** ICSLA\_IMM\_130\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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## **KLRG1+ T-Regs** ICSLA\_IMM\_131\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

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