

4 CELLS

Scroll down alphabetical index to find cell type of interest.

Click on relevant [\[APPLICATION SHEET\]](#) for a detailed protocol of cell isolation. All Application Sheets contain a full bibliography with links to abstracts and full papers (if available). In some cases more than one Application Sheet for a specific cell type may be provided, if different practical strategies are available.

If an Application Sheet is not available, click on relevant [\[BIBLIOGRAPHY\]](#) for reference list and links to abstracts and full papers (if available).

If a cell type is not in this index, it may be necessary to develop a customized method; click here on [\[APPLICATION SHEET C14\]](#) for some guidance.

Alveolar cells

See “Pulmonary cells”

Apoptosis analysis

[\[APPLICATION SHEET C32\]](#)

Bacteria

Chlamydophila abortus

[\[APPLICATION SHEET C39\]](#)

Cyanobacteria

[\[APPLICATION SHEET C39\]](#)

Soil, from

[\[APPLICATION SHEET C39\]](#)

Piscirickettsia

[\[APPLICATION SHEET C39\]](#)

Salmonella enterica

[\[APPLICATION SHEET C39\]](#)

Cells in suspension, maintenance of

[\[APPLICATION SHEET C38\]](#)

Cyclospora

see “Protozoa”

Dendritic cells

Barrier flotation

[\[APPLICATION SHEET C20\]](#)

Barrier sedimentation

[\[APPLICATION SHEET C47\]](#)

Mixer flotation

[\[APPLICATION SHEET C21\]](#)

Density perturbation techniques

[\[APPLICATION SHEET C26\]](#)

Differentiation analysis

[\[APPLICATION SHEET C26\]](#)

Enterocytozoon bienersi

see “Protozoa”

Erythrocytes

[\[APPLICATION SHEET C35\]](#)

Gastric cells

Parietal cells

[\[APPLICATION SHEET C28\]](#)

ECL cells

[\[APPLICATION SHEET C28\]](#)

Granulocytes

see “Polymorphonuclear leukocytes”

Hepatic cells

Kupffer cells

[\[APPLICATION SHEET C24\]](#)

Non-parenchymal cells

[\[APPLICATION SHEET C24\]](#)

Stellate cells

[\[APPLICATION SHEET C33\]](#)

Langerhans cells

[\[APPLICATION SHEET C20\]](#)

Lymphocytes

B and T cells

[\[APPLICATION SHEET C26\]](#)

Tissues, from (see “Mononuclear cells”)

Mattesia orzaephili

see "Protozoa"

Monocytes

Leukocyte-rich plasma, from

[APPLICATION SHEET C09]

Whole blood, from

[APPLICATION SHEET C10]

Mononuclear cells

Bone marrow

Barrier flotation

[APPLICATION SHEET C05]

Barrier sedimentation

[APPLICATION SHEET C40]

Equine peripheral blood

[APPLICATION SHEET C08]

Human peripheral blood

Barrier flotation

[APPLICATION SHEET C05]

Barrier sedimentation

[APPLICATION SHEET C03]

Mixer flotation

[APPLICATION SHEET C04]

Liver

[APPLICATION SHEET C40]

Mouse blood

Barrier sedimentation

[APPLICATION SHEET C43]

Mixer flotation

[APPLICATION SHEET C07]

Non-human primate peripheral blood

[APPLICATION SHEET C30]

Peritoneal exudates

[APPLICATION SHEET C19]

Rabbit blood

[APPLICATION SHEET C43]

Rat blood

Barrier sedimentation

[APPLICATION SHEET C43]

Mixer flotation

[APPLICATION SHEET C06]

Ruminant peripheral blood

[APPLICATION SHEET C08]

Spinal cord

[APPLICATION SHEET C40]

Spleen

[APPLICATION SHEET C40]

Moss cells (gravitational effects)

[BIBLIOGRAPHY B01]

Neural cells

Microglial cells

[APPLICATION SHEET C36]

Motoneurons (brain, various sites)

[APPLICATION SHEET C29]

Motoneurons (spinal cord)

[APPLICATION SHEET C22]

Oligodendrocytes

[APPLICATION SHEET C36]

Neutrophils

see "Polymorphonuclear leukocytes"

Pancreatic islets

[APPLICATION SHEET C15]

Pancreatic stellate cells

[APPLICATION SHEET C33]

Plasmodium

[APPLICATION SHEET C41]

Protozoa

Cyclospora

[APPLICATION SHEET C27]

Enterocytozoon bienewisi

[APPLICATION SHEET C27]

Mattesia orzaephili

[APPLICATION SHEET C27]

Sarcocystis neurona

[APPLICATION SHEET C27]

Toxoplasma

[APPLICATION SHEET C34]

Plant protoplasts

[APPLICATION SHEET C18]

Platelets

[APPLICATION SHEET C12]

Polymorphonuclear leukocytes

Human peripheral blood

[APPLICATION SHEET C11]

Mouse blood

[APPLICATION SHEET C45]

Non-human primate peripheral blood

[APPLICATION SHEET C11]

Peritoneal exudates	[APPLICATION SHEET C19]
Rat blood	[APPLICATION SHEET C45]
Rabbit blood	[APPLICATION SHEET C45]
Progenitor cells	
Bone marrow	[APPLICATION SHEET C23]
Neural tissue	[APPLICATION SHEET C23]
Thymus	[APPLICATION SHEET C23]
Pulmonary cells	
Endothelial cells	[APPLICATION SHEET C25]
Epithelial cells (Type I)	[APPLICATION SHEET C25]
Epithelial cells (Type II)	[APPLICATION SHEET C44]
Macrophages	[APPLICATION SHEET C25]
Renal proximal tubule cells	[APPLICATION SHEET C42]
Retinal pigment epithelial cells	[BIBLIOGRAPHY B04]
Reticulocytes (see “Erythrocytes”)	[APPLICATION SHEET C35]
<i>Sarcocystis neurona</i> see “Protozoa”	
Sea urchin coelomocytes	[APPLICATION SHEET C37]
Sickle cells see “Erythrocytes”	
Sperm cells	
Bovine	[APPLICATION SHEET C16]
Concentration from semen	[APPLICATION SHEET C46]
Human	[APPLICATION SHEET C17]
Spleen	
Dendritic cells (see “Dendritic cells”)	
Mononuclear cells (see “Mononuclear cells”)	
Splenocytes	[BIBLIOGRAPHY B02]
Thymus	
Dendritic cells (see “Dendritic cells”)	
Thymocytes	[BIBLIOGRAPHY B02]
Thrombocytes see “Platelets”	
<i>Toxoplasma gondii</i> see “Protozoa”	
Tumour cells	[BIBLIOGRAPHY B03]
Viable/non-viable cells	[APPLICATION SHEET C13]