

# DENSITY GRADIENT MEDIA

Axis-Shield has the solutions  
The choice is yours!

Lowest  
Endotoxin  
Gradients!



Lymphoprep™

Optiprep™

Polymorphoprep™

Nycoprep 1.007™

Nycodenz®

Polysucrose 400™

## Isolate Anything

- » Cells
- » Membrane Vesicles
- » Proteins
- » Lipoproteins
- » Organelles
- » Viruses
- » Nucleic acids





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### LIQUID GRADIENT MEDIA

- » **Lymphoprep™**  
- Sterile media for human mononuclear cells
- » **Optiprep™**  
- Multipurpose Media-Clinically tested & EU cGMP Compliant
- » **Polymorphoprep™**  
- For human Granulocytes
- » **Nycoprep 1.007™**  
- Sterile media for human mononuclear cells

### POWDERED GRADIENT MEDIA

- » **Nycodenz®** - General purpose medium
- » **Polysucrose 400™** - Similar to Ficoll 400

### CLINICALLY TESTED

- » Comply FDA/EU cGMP standards
- » Proven Non-toxic reagents
- » Low Osmolality
- » Universal Reagents
- » Established Protocols Available

Note: (\*) Products are manufactured by Axis-Shield PoC-AS.

### Axis-Shield Density Gradients - Available Citations & Protocols

Isolation of Viruses	
Adenovirus	Lentiviral vectors( HIV - 1)
Arteriviridae	Mason - Pfizer
Bacteriophages	Mouse minute
Bunyavirus	Murine leukemia
Coronaviridae	Murine oncorna.
Ebola virus	Norwalk virus
Flaviviridae	Papilloma
Herpes virus	Polyoma
HERV - H4	Rabies virus
HIV - 1	Rous sarcoma
HTLV6	Semliki Forest
Influenza	Spumaviridae
Lassa virus	Vaccinia
Isolation of Cells	
Alveolar cells	Neuronal cells
Apoptosis, analysis	Plant protoplasts
Bacteria	Platelets
Cell differentiation	Polymorphonuclear leukocytes
Cell fractionation	Progenitor cells
Coelomocytes	Protozoa
Dendritic cells	Reticulocytes
Epithelial cells	Sea urchin cells
Erythrocytes	Spermatozoa
Hepatic non -parenchymal cells	Stellate cells - liver and pancreatic
Islets of Langerhans	T and B cells
Monocytes	Thrombocytes
Mononuclear cells - human	Tumour cells
Mononuclear cells - Animal	Viable and non -viable cells
Isolation of Sub - cellular Membranes	
Cav eolae	Mitochondria
Cell signalling analysis	Neurotransmission -associated particles
Cytosol - vesicle separation	Nuclei
Drosophila membranes	Peroxisomes
Endocytosis analysis	Plant organelles
Fungal organelles	Plasma membrane
Golgi - light mitochondrial fraction	Plasma membrane domains
Light mitochondrial fraction organelles	Retinal rod outer segments and discs
Lipid rafts	Synaptic vesicles
Lysosomes	Synaptosomes
Membrane trafficking analysis	Vesicle-cytosol separation



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