

Product Specifications:

Sperm Screen Kit

- Type: Double density gradient sperm separation kit (40% / 80%)
- Pack contents:
 - Sperm Prime™ wash media: 10 × 5 ml
 - Sperm Screen™ Upper Layer 40%: 10 × 1 ml
 - Sperm Screen™ Lower Layer 80%: 10 × 1 ml
- Intended use:
 - Gradient sperm preparation for IUI
- Composition:
 - Silane-coated colloidal silica particles
 - HEPES buffered isotonic salt solution
- pH: 7.2–7.6
- Osmolality:
 - 40% layer: 310–340 mOsm/kg
 - 80% layer: 320–350 mOsm/kg
- Endotoxin: <0.5 EU/ml
- Storage: +2°C to +8°C
- Shelf life: 1 year unopened
- Approximate processing capacity:
 - Around 10 semen samples per kit

Sperm Prime Kit

- Type: HEPES-buffered sperm wash media
- Pack sizes:
 - 10 × 5 ml kit
- Intended use:
 - Swim-up sperm preparation
 - IUI and ART sperm preparation

- Gradient dilution
- Composition:
 - Human Serum Albumin (4 mg/ml)
 - HEPES
 - Gentamicin
 - Phenol Red
- Osmolality: 270–290 mOsm/kg
- Storage: +2°C to +8°C
- Shelf life: 1 year unopened

Product	Approximate Cost
Sperm Screen Kit (10-test kit) Per box	₹5,000-6000rs
Sperm Prime Kit (10 × 5 ml) per box	₹5,000-6000rs