



ORIGIO® Gradient Series™

# Optimize sperm function



# ORIGIO® Gradient Series

Innovative formulation<sup>1,2</sup> drawing on the latest scientific knowledge<sup>3,4</sup> of sperm function.

- High pH to mimic *in vivo* physiological conditions and stimulate higher motility
- High HSA concentration to support optimal sperm function
- Designed for use outside a CO<sub>2</sub> controlled environment
- Antioxidants to minimize Reactive Oxygen Species (ROS) formation
- Can be used for IUI, IVF and ICSI

## Product Specifications

- Ready to use
- HSA 10mg/ml in Sperm Wash, 5mg/ml in gradients 90%, 80% and 40%
- pH 8-8.5 at room temperature
- HEPES buffered and requires no pre-equilibration\*
- Higher bicarbonate levels to support motility and sperm function
- The system provides an osmolality gradient to prevent damage to sperm during isolation<sup>3,4</sup>
- Endotoxin ≤0.8 EU/ml for gradients, <0.15 EU/ml for wash
- Shelf life after opening: 28 days

\*used at room temp without the need for a CO<sub>2</sub> incubator function

## Components

- Physiological salts
- Pyruvate
- Glucose
- Bicarbonate
- HEPES
- EDTA
- Taurine
- Citrate
- Gentamicin
- HSA

Product Code	Product Name	Volume
8400060		60ml
84002060	ORIGIO Gradient™ 100	2 x 60ml
84004125		4 x 125ml
84010060	ORIGIO Gradient™ 90	60ml
84022060		2 x 60ml
84022010	ORIGIO Gradient™ 40/80	2 x 10ml
84021210		12 x 10ml
84050060		60ml
8405060	ORIGIO Sperm Wash	5 x 60ml
84051010		10 x 10ml



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