

## Product Information

Human Serum, Type AB, Male  
Cat. No. HUM-3B (100 ml)

### General Information

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Human Serum in the culture medium provides human cell lines with an environment more closely matching their physiological conditions than media with animal sera. This is of particular significance in micro-optical investigations of cell structures or differentiation studies, whose results are intended to allow conclusions to be drawn regarding natural conditions in human tissue. Human serum may be superior to animal sera when culturing sensitive human cell lines. This particularly applies to immune cells such as macrophages or lymphocytes.

Human Serum Type AB is suitable not only as an additive to culture media, but also for control assays, immunoassays, clinical chemistry, and *in vitro* diagnostics.

Human Serum Type AB originates exclusively from donors of blood group AB, whose blood contains neither anti-A nor anti-B antibodies, which can damage cultured human cells and disrupt immunological investigations.

Human AB plasma from male donors, which is the source of this product, is collected from healthy donors at FDA licensed facilities located in the USA.

#### Applications:

- Base for assay controls
- Additive for cell culture
- Stabilizer in immunoassays
- *In vitro* diagnostic use

#### Features:

- Collection in FDA inspected plasmapheresis centers
- Human Serum, Converted, Type AB from donors without anti-A nor anti-B antibodies

### Product Specifications

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Appearance	Clear amber liquid
Storage and shelf life	Store at $\leq -15^{\circ}\text{C}$ . Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened store at $4^{\circ}\text{C}$ and use within 4-6 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	Overnight at $+2^{\circ}\text{C}$ to $+8^{\circ}\text{C}$ . Swirl gently to homogenize.

### Precautions and Disclaimer

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All Human Sera have been tested according to strict guidelines. However, all human products should be treated as potentially infectious agents and in accordance with universal handling precautions.

All Human Sera of Capricorn Scientific should only be used for research purposes, not for therapeutic use.

### Help Needed?

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If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).