

Product Information

Human Serum, Converted
Cat. No. HUM-1B (100 ml)

General Information

Converted Human Serum is derived from human blood plasma and has broad applications as supplement in demanding cell cultures and for research purposes, such as immunoassays, clinical chemistry, and *in vitro* diagnostics.

Converted human serum is manufactured from human plasma of healthy donors. It originates from male and female donors of different blood groups. For production, the plasma is treated with thrombin and calcium to induce formation of fibrin. The obtained human serum is free of fibrin and blood components.

When added to human cell cultures, human serum provides cells with an environment closely matching their physiological conditions in comparison to animal derived sera. Therefore, human serum may be superior to animal sera when culturing sensitive cell lines such as immune cells including macrophages and lymphocytes.

Capricorn Scientific's Converted Human Serum is optimized for cultivation of human primary cultures. Our special preselection and further processing of the raw material enables improved growth and viability of these sensitive cells while enhancing proliferation.

Applications:

- Optimized for human primary cultures
- Additive for cell culture
- Stabilizer in immunoassays
- *In vitro* diagnostic use

Features:

- Preselected raw material and special processing optimized for growth of primary human cultures
- Collection in FDA inspected plasmapheresis centers
- Converted human serum from pooled donors with different blood types

Product Specifications

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°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

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?

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).