

Steroids Depleted Human Processed Serum

Reference: 33001D



DESCRIPTION

This product is obtained from human plasma. It is defibrinated, delipidated and double charcoal stripped to remove steroid hormones. Defibrination is achieved with the calcium method in addition to Cohn fractionation; there is therefore no use of bovine thrombin or any other animal reagent. It is then dialysed and the electrolytes are balanced. This product is 0.2 µm filtered prior to being bottled.

Donations used for the manufacture of this product have been collected in accordance with ethical requirements of the French *Code de la santé publique*:

- **Donor consent** → donations proceed from volunteer donors, who agreed their donation may be used in any way the collection centre deems appropriate
- **Gratuitousness** → donations have not been paid
- **Anonymity** → each donation is anonymous and is associated with a donation number

Each unit has also been tested and found negative or non-reactive for:

- anti-HIV 1+2 & anti-HCV antibodies
- HBs antigen
- HIV 1 & HCV RNA
- Syphilitic serology

APPLICATIONS

This product is particularly recommended for using as base matrices or diluents for calibrators and negative control.

PHYSICAL CHARACTERISTICS

Defrosted solution is yellow to greenish-yellow and limpid.

ANALYSES

Analysis	Method	Specification
Dry extract	Loss on drying	65 - 85 g/L
Total proteins	Kjeldahl	55 - 75 g/L
pH	Potentiometry	7.0 - 7.5
Fibrinogen	Internal	Absence
Cholesterol	CHOD colorimetry	< 0.04 g/L
Triglycerides	GPO colorimetry	< 0.05 g/L
Cortisol	/	< 0.11 µg/dL
Estradiol	/	< 20 pg/mL
Testosterone	/	< 50 pg/mL
Progesterone	/	< 0.05 ng/mL
Mesophilic germs	Culture	< 1 CFU/mL

PACKAGING

Package sizes of 1 L and 4 L, other sizes available on request.

Free sample available for evaluation.

STORAGE & SHELF LIFE

Shelf life of 2 years stored in original sealed packaging, away from light and between -16°C and -20°C.

RECOMMENDATIONS FOR USE

For optimal results, it is advisable to follow the next steps when thawing:

- thawing has to be done in a bain marie, not in a heat chamber
- bain marie must be between +30°C and +35°C, after which the bottle can be dropped off
- it is recommended to gently shake the product every 15 to 30 minutes

It is better to avoid freeze/thaw cycles.

This data sheet has been produced for your information and is based on our best knowledge. However, customers must check themselves that any ingredients they wish to incorporate are permitted in all markets they intend to supply, particularly existing patents.
For *in vitro* diagnostic medical devices and laboratory reagents only. Not for human consumption or therapeutic use.