

## Rat Serum

CAT N° : S2150

### Collected from the source :

When searchers choose their serum an important factor that should be taken into consideration is the source, which also emphasises the traceability of the serum.

Our system of vertical integration allows us to be certain of the origins and traceability of our serum.

All the collected animals are 8-12 week-old sexually mature rats (Sprague-Dawley).

The serum is imported and treated in agreement with the European regulations.

### Filtration :

Final Filter Size : 0.2 µm

### Sterility :

All sera are tested for the absence of aerobic and anaerobic bacteria, fungi and yeast.

### Endotoxin :

All sera are tested to determine the levels of endotoxins. : carries out a chromokinetic quantitative test, according to the method D of the European Pharmacopoeia.

The endotoxin reagent is standardized against the US reference endotoxin.

### Haemoglobin :

The haemoglobin level is measured by spectrophotometer.

### Osmolality :

Determined by a lowered freezing temperature. The osmometer is calibrated against standard solution.

### Total Protein :

Determined by Biuret Colorimetry.

### Country of Origin :

The country in which the serum was taken from the donor/animal.

The product is originated from China.

### Storage conditions :

Store at -20°C

### Shelf life :

5 years

### Recommended use :

- Respect storage conditions of the serum
- Do not use the serum after its expiry date
- Store serum in an area protected from light
- Manipulate serum in aseptic conditions (e.g. : under laminar air flow)
- Wear clothes adapted to the manipulation of serum to avoid contamination (e.g. : gloves, mask, hygiene cap, overall...)
- In order to preserve all serum qualities, it is recommended to thaw out the flask, to aliquote, then to re-freeze the produced flasks rather than to thaw out and re-freeze the flask at each use.
- It is recommended to use the serum immediately after its thaw out. However, if it is not useful, it is possible to store thaw out serum, at +2°C / +8°C, until 26 weeks without significant decrease of its performances in cell culture.

The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.