Rat Serum

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.

Country of Origin:
The country in which the serum was taken from the donor/animal.
The product is originated from China.

Storage conditions:
- 18°C to - 40°C, protected from light.
Bottles can be stored between -40°C and -80°C for a short period (few days).

Shelf life:
5 years

Filtration:
Final Filter Size : 0.2 µm

pH:
pH specification: Not applicable

Osmolality:
Determined by a lowered freezing temperature. The osmometer is calibrated against standard solution.
Osmolality specification: Not applicable

Endotoxin:
All sera are tested to determine the levels of endotoxins. BioWest 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.
Endotoxin specification: Not applicable

Haemoglobin:
The haemoglobin level is measured by spectrophotometer.
Haemoglobin specification: Not applicable

Cell Culture:
Not applicable

Total Protein:
Determined by Biuret Colorimetry.
Total Protein specification: Not applicable

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

Virus test:
Not applicable

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Other tests:
Not applicable

Treatments:
Not applicable

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 for research or further manufacturing only and not for use as an Active Pharmaceutical Ingredient or food or animal feed.

Remarks:
Not applicable

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