

**Biowest Technical Datasheets for Donor Horse Serum**

Cat N° S0900

**FOR IN VITRO LABORATORY USE ONLY, NOT FOR DRUG, HUMAN  
VETERINARY USE****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 origin and traceability of our serum.

Each batch is rigorously controlled, from the importation, and in all the stages of its treatment and production on our premises through to final packaging.

Bio West Donor Horse Serum is derived from clotted whole blood aseptically collected from Donor Horse, via the vein. The animals are living in a herd controlled by veterinarians. Each animal has his health protocol book.

The serum is imported in agreement with the french legislation.

**Filtration:**

Final Filter Size: 0.2 µm, x 2

**Sterility:**

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

The sterility test is based on the European Pharmacopeia requirements.

The sera are tested for the absence of *Mycoplasma* by culture.

**Virus Tested:**

All of our serum is tested for the Equine Infectious Anemia (EIA)

**Endotoxin:**

All sera are tested to determine the levels of endotoxins. BioWest carry out a chromokinetic test (quantitative test)

The endotoxin reagent is standardized against the US reference endotoxin. The method is based on "the bacterial endotoxins test", US pharmacopeia 23<sup>rd</sup> revision.

**Haemoglobin:**

The haemoglobin level is measured spectrophotometrically.

**Osmolarity:**

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

**Cell Culture:**

Biological performance is assessed using cell culture medium supplemented with the serum being tested.

During the test period, cultures are examined microscopically for any morphological abnormalities that may indicate toxic components in the serum.

**Cell Culture Tests:**

Cell Growth, Plating Efficiency, Cloning Efficiency.

**Cell Lines Tested:**

The following cell lines are tested with the serum:

Hela-Cancer Cell/Human.

L929- Fibroblast/Mouse/ As Macrophage

SP2/O-AG14 -Mouse/Lymphoma

**Country of Origin:**

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

Bio West serum are sourced from the following country: Chili, Canada

**Shelf life:** 60 months

**Storage:** -20°C