

**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 tracability of the serum.

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

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

BioWest Donor Foal Serum is derived from clotted whole blood aseptically collected from Donor Foal via the vein. The animal is living in a controled herd. Each animal has his health protocol book.

Filtration:

Final Filter Size: 0.2 µm, x 3

Sterility:

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

The sterility test is based on the European Pharmacopeia requirements.

The sera are tested for the absence of *Mycoplasma* after 21 days of culture.

Virus Tested:

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

The test is an "Elisa-test" made on final filtered products.

Endotoxin:

All sera are tested to determine the levels of endotoxins. BioWest carries 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 23rd revision.

Haemoglobin:

The haemoglobin level is measured by spectrophotometer.

Osmolarity:

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

Total Protein:

Determined by Electrophoresis.

Cell Culture:

Biological performance is assessed using cell culture medium supplemented with the serum being tested at a final concentration of 10%.

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

SP2/0-AG8 -Mouse/Lymphoma

Country of Origin:

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

BioWest Donor Foal serum are sourced from Canada