

**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 origins and traceability of our Chicken serum.

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

BioWest Chicken Serum is derived from clotted whole blood.

Filtration:

Final Filter Size: 0.2µm

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 Pharmacopoeia requirements.

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

Endotoxin:

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

The endotoxin reagent is standardized against the US reference endotoxin. The method is based on "the bacterial endotoxins test", US pharmacopoeia 23rd revision.

Haemoglobin:

The haemoglobin level is measured by spectrophotometer.

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 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-AG14 -Mouse/Lymphoma

Shelf life: 60 months

Storage: -20°C