

## Dialyse of sera

### CAT N°: XX-xxxD

For dialysed product the **letter D** is added at the end of the regular CAT n° serum.

*E.g.: FB-1001=> FB-1001D*

### Analyses:

Tests and results are recorded on CoA.

### Treatments:

The serum can be dialysed for technical or quality aspects. The sterile serum is dialysed by a tangential flow filtration at 10kDa MWCO, against a 0.15M NaCl solution. Glucose levels are tested prior and after dialyse to check the efficiency of the treatment, and to ensure a rate of glucose < 5 mg/dl. The serum treated is finally sterile filtered (0.1µm).

### Effects of dialysis:

- No significant effect on osmolality, pH and endotoxin level
- Slight decrease of some proteins
- Increase of the amount and size of particulate matter
- Possible decrease of growth promotion, plating efficiency and cloning efficiency with some cell lines

### Remarks:

All other parameters than the ones mentioned above remain equal and can be find in each regular (non-treated) serum TDS.