

Product Information

Anti-Sheep IgG (whole molecule)

produced in rabbit, IgG fraction of antiserum

Catalog Number **S1265**

Product Description

Anti-Sheep IgG is produced in rabbit using purified sheep IgG as the immunogen. Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum. This fraction is essentially free of other rabbit serum proteins.

Antiserum is determined to be immunospecific for sheep IgG by immunoelectrophoresis (IEP) versus sheep IgG and normal sheep serum.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the product followed by diffusion versus the anti-rabbit IgG and the anti-rabbit whole serum result in single arcs of precipitation in the gamma region.

Reagents

Supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.4, containing 15 mM sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Product Profile

Indirect Elisa

A working dilution of 1:50,000-1:100,000 is determined using IgG from pooled sheep serum for coating..

Total protein concentration determined by absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

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