



3050 Spruce Street
Saint Louis, Missouri 63103 USA
Telephone 800-325-5832 • (314) 771-5765
Fax (314) 286-7828
email: techserv@sial.com
sigma-aldrich.com

Product Information

ANTI-BOVINE IgG (WHOLE MOLECULE)

Delipidized, Whole Antiserum

Product Number **B 8395**

Product Description

Anti-Bovine IgG is developed in rabbit using bovine IgG isolated from normal bovine serum as the immunogen. The antiserum has been treated to remove lipoproteins.

The antiserum is determined to be immunospecific for bovine IgG by immunoelectrophoresis (IEP) versus normal bovine serum and purified bovine IgG.

Identity and purity of the specific antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antiserum followed by diffusion versus anti-rabbit serum results in multiple arcs of precipitation and versus anti-rabbit IgG results in a single arc of precipitation in the gamma region.

Reagents

Rabbit Anti-Bovine IgG is supplied as a liquid with 0.1% sodium azide added as a preservative.

Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS 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 is not recommended. Storage in "frost-free" freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Product Profile

Each milliliter of antiserum contains a minimum of 4.0 mg of specific antibody. Normal bovine serum is used to determine the antibody concentration by a quantitative precipitation assay.

JWM/KMR 03/02

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.