



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

Product Information

ANTI-GOAT IgG (WHOLE MOLECULE) - AGAROSE Antibody developed in Rabbit IgG Fraction of Antiserum

Product Number **A 9294**

Product Description

Anti-goat IgG (whole molecule) is developed in rabbit using IgG isolated from pooled normal goat serum as the immunogen. Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins.

Specificity for goat IgG is determined by immunoelectrophoresis (IEP) with normal goat serum and goat IgG, prior to coupling with the agarose.

Identity and purity of the antibody is established by immunoelectrophoresis, prior to agarose bead coupling. Electrophoresis of the product followed by diffusion versus the anti-rabbit IgG and the anti-rabbit whole serum results in single arcs of precipitation in the gamma region.

Reagents

Rabbit anti-goat IgG is then covalently bound to agarose and is supplied as a suspension in phosphate buffered saline, pH 7.4, containing 0.1% sodium azide 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

Rabbit Anti-Goat IgG-Agarose may be regenerated and used for future adsorptions. Strip the agarose with ten column volumes of 0.1 M glycine, 0.15 M sodium chloride, pH 2.4, or 0.5 M acetic acid, 0.15 M sodium chloride, pH 2.4, then wash with 0.01 M sodium phosphate buffer, pH 7.2, containing 0.5 M sodium chloride (PB). Regenerated agarose may be stored at 2-8 °C as a suspension in PB containing preservative.

Binding Capacity

One milliliter of resin will bind a minimum of 1.0 mg of goat IgG from goat serum.

JWM/DAA 2/2003

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