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ProductInformation

ANTI-HUMAN IgG (WHOLE MOLECULE)-AGAROSE
Antibody developed in Goat
IgG Fraction of Antiserum

Product Number **A 3543**

Product Description
Anti-Human IgG (whole molecule) is developed in goat using IgG isolated from pooled normal human serum as the immunogen. Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum, which is essentially free of other goat serum proteins. Goat anti-human IgG is then covalently bound to agarose.

Specificity for human IgG is determined by immunoelectrophoresis (IEP) with normal human serum and human 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-goat IgG and the anti-goat whole serum results in single arcs of precipitation in the gamma region.

Reagents
It 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
Goat Anti-Human 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.

Product Profile
One milliliter of resin will bind 1.0-1.5 mg of human IgG from human serum.

This goat antiserum was heated to 56 °C for one hour and tested after treatment to meet U.S.D.A. requirements.

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