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Datasheet for 008-0050

Horse IgG Agarose

Overview

Description:	Horse IgG Whole Molecule Agarose Conjugated - 008-0050
Item No.:	008-0050
Size:	10 mg
Origin:	Horse

Product Details

Background:	Horse IgG whole molecule Agarose Conjugated product is made from IgG, secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F (ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
Synonyms:	Horse IgG Whole Molecule Agarose Conjugate, Horse IgG Agarose
Species of Origin:	Horse
Conjugate:	Agarose
Format:	IgG
Type:	Native Protein

Target Details

Purity/Specificity:	This product is an IgG whole molecule conjugated to activated agarose. Sufficient capacity is provided to bind a minimum of 10 mg of anti-Horse IgG.

Application Details

Application Note:	Horse IgG Agarose is suitable for immunoprecipitation and Immunoaffinity purifications.

Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IP:	User Optimized

Formulation

Physical State:	Suspension of agarose beads
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. DO NOT FREEZE.
Expiration:	Expiration date is one (1) year from date of receipt.

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