

Product Data Sheet

**Goat Anti-Rabbit IgG (H+L) Antiserum**

**Catalog No. 20318-100**  
**Catalog No. 20318-1000**

**Size: 100 ml**  
**Size: 1000 ml**

**Form: Liquid**  
**Form: Liquid**

**Lot # GARS101**

**Storage: Store at -20<sup>0</sup>C**

**Description**

Goats were immunized with antigen grade rabbit IgG (H+L chains). Antibody titer is adjusted by fractionating some antisera. The antiserum is dialyzed against Tris buffered saline, pH 7.4 containing 0.05% sodium azide.

Antibody Specificity has been tested using IEP:

3 ul Normal rabbit serum (1)  
100 ul anti-rabbit IgG Cat # 20318 (A)  
75 ul goat anti-rabbit serum (B)

The product reacts produced a single precipitin arc against the whole rabbit serum.

**Form & Storage of Antibodies/Peptide Control**

**Antiserum (unpurified, undiluted)**  
solution lyophilized powder  
contains 0.05% sodium azide

**Reconstitute powder** in the original vol. of water

**Recommended Working Dilution for ELISA**

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. However, dilution of 1:1000 to 1:5000 could be used as the starting point. Working solution should be prepared immediately before use and diluted solution should be discarded.

**Storage**

**Short-term:** unopened, undiluted vials for less than a week at 4<sup>o</sup>C.

**Long-term:** at -20<sup>o</sup>C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.

**Stability:** 6-12 months at -20<sup>o</sup>C or below.

**Shipping:** 4<sup>o</sup>C for solutions and room temp for powder.

**MSDS:** This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

**Purity/Specificity**

Antibody titer was determined by radial immunodiffusion using goat anti-rabbit IgG. Total protein was determined by A280 nm using an extinction coefficient of 10 (i.e., 1.0 A280 unit = 1 mg/ml).

StainAll reversible dye for Immunoblotting (visualize transfer of proteins on blotting membranes within seconds)

**Western blot recycling kit** (Use the same blot/strip to probe with multiple antibodies,

Antibody titer = 0.8-1.0 mg/ml  
Total protein ~1 g/dl  
Buffer: 10 mM Tris, pH 7.4, 0.05% azide

20318-100-1000      71202A

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