ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Anti-Hamster (Syrian)(H+L) Antibodies and conjugates

Cat# 80319	Goat Anti-Hamster (Syrian) (H+L), unlabeled	**Size**: 1 mg	**Form**: Liquid; Powder
Cat# 80320	Goat Anti-Hamster (Syrian) (H+L)-HRP conjugate	**Size**: 1 ml	**Form**: Liquid; Powder
Cat# 80322	Goat Anti-Hamster (Syrian) (H+L)-AP conjugate	**Size**: 1 ml	**Form**: Liquid; Powder
Cat# 80325	Goat Anti-Hamster (Syrian) (H+L)-FITC conjugate	**Size**: 1 ml	**Form**: Liquid; Powder
Cat# 80340	Goat Anti-Hamster (Syrian) (H+L)-Biotin conjugate	**Size**: 0.5 mg	**Form**: Liquid; Powder

Description

Goats were immunized with antigen grade **Hamster (Syrian) (H+L)**. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography to remove non-specific antibodies. Specificity of antibody has been tested using IEP, immunodiffusion, and ELISA. The product reacts with Hamster IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody may recognize other species IgG, particularly Armenian hamster Ig's. Purified anti-Hamster (Syrian)(H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 80319, Anti-Hamster (Syrian)(H+L), unlabeled

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (1.0 mg) or **liquid** form (1 mg/ml). Reconstitute powder in PBS in 1.0 ml to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Cat# 80320, Anti-Hamster (Syrian)(H+L)-HRP-conjugate

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in either **lyophilized** (1 ml) or **liquid** form (1 ml; 0.5 mg/ml). Reconstitute powder in PBS in 1 ml. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC).

Cat# 80322, AP-conjugate

The conjugate is provided at ~0.5 mg/ml as liquid (1 ml) in a stabilizing buffer (50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl2, 0.1 mM ZnCl2, pH 7.5, containing 0.2% bovine serum albumin, 0.05% sodium azide). The product should be **stored at 4°C** and is stable for a minimum of 1 year. Do not store diluted solutions.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC).

Cat# 80325, Anti-Hamster (Syrian)(H+L)-FITC-conjugate

Purified anti-Hamster (Syrian)(H+L) antibody was coupled to FITC at F/P ratio ~3:7. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** (1 ml) or **liquid** form (1 ml; .5 mg/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:200-1:2000 for immunofluorescence.
Absorption Wavelength: 495 nm
Emission Wavelength: 528 nm

Cat# 80340, Anti-Hamster (Syrian)(H+L)-Biotin-conjugate

Purified anti-Hamster (Syrian)(H+L) antibody was coupled to Biotin using ADI Biotinylation kit # 80300 at F/P ratio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** (0.5 mg) or **liquid** form (0.5 mg/0.5 ml). Reconstitute powder in PBS in 0.5 ml to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:5,000-1:30,000 ELISA, 1:2K-1:10K for western.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. Working solution should be prepared immediately before use and diluted solution should be discarded.

Related Material available for ADI

Hamster IgG, IgM ELISA kits

Anti-Hamster (**Syrian**) and **Aremenian** (H+L), IgG, IgG (H+L), IgG (H+L) antibodies and conjugates

ELISA kits for the detection of Hamster Antibodies

80319, 80320, 80322, 80325, 80340 70226A

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