



Product Data Sheet

Anti-Ferret IgM (mu-chain) Antibodies and conjugates

Cat # 70539	Goat Anti-Ferret IgM, unlabeled	Size: 0.5 mg
Cat # 70540	Goat Anti-Ferret IgM-HRP conjugate	Size: 0.5 ml
Cat # 70539-BTN	Goat Anti-Ferret IgM (mu)-biotin conjugate	Size: 0.25 ml

Description

Goats were immunized with antigen grade **Ferret IgM**. 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 Ferret IgM with no significant reactivity with other Ig's or serum proteins. Purified anti-Ferret IgM antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 70539, Anti-Ferret IgM, unlabeled

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (0.5 mg) or **liquid** form (1 mg/ml). Reconstitute powder in PBS in 1.0 ml to prepare 1 mg/ml solution. Store at -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Cat# 70540, Anti-Ferret IgM-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** (0.5 ml) or **liquid** form (0.5 ml; 0.5-1 mg/ml). Reconstitute powder in PBS in 1 ml. Store at 4°C 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# 70539-BTN, Anti-Ferret IgM-Biotin-conjugate

Purified antibody was coupled to Biotin using Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) at F/P ratio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.01% azide in either **lyophilized** or **liquid** form (0.25 ml). Reconstitute powder in PBS in 0.25 ml to prepare stock solution. Store at -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:5,000-1: 20,000 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

Ferret IgG, IgM ELISA kits

Anti-Ferret IgG (H+L), IgG, IgG (H+L), IgG (H+L) antibodies and conjugates

ELISA kits for the detection of Ferret Antibodies

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

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