

Product Data Sheet

**Anti-Rabbit IgM antibodies and conjugates**

<b>Cat#</b> 20219	Goat Anti-rabbit IgM, unlabeled	<b>Size:</b> 0.5 mg	<b>Form:</b> Liquid	Powder
<b>Cat#</b> 20220	Goat Anti-rabbit IgM-HRP conjugate	<b>Size:</b> 0.5 ml	<b>Form:</b> Liquid	Powder
<b>Cat#</b> 20230	Goat Anti-rabbit IgM-FITC conjugate	<b>Size:</b> 0.5 ml	<b>Form:</b> Liquid	Powder
<b>Cat#</b> 20240	Goat Anti-rabbit IgM-Biotin conjugate	<b>Size:</b> 0.5 ml	<b>Form:</b> Liquid	Powder

**Description**

Goats were immunized with antigen grade rabbit IgM. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography and solid phase adsorbed to remove reactivity with IgA, IgG and other serum proteins. Purified anti-rabbit IgM is supplied as unlabeled, -HRP, -AP, FITC and biotin conjugate.

**Purity/Specificity**

Specificity of antibodies has been tested using IEP, immunodiffusion, and ELISA. The antibodies yielded a single precipitin arc against anti-rabbit serum and rabbit IgM. No antibody reactivity is detected to other rabbit serum proteins, IgA and IgG. Anti-rabbit IgM may crossreact with IgM from other species.

**Form and Storage**

**Cat# 20219, Anti-rabbit IgM, 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 -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

**Cat# 22120, Anti-rabbit 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** (1 ml) or **liquid** form (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# 20230, Anti-rabbit IgM-FITC-conjugate**

Purified anti-rabbit IgM 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** (0.5 ml) 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 -20°C 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# 20240, Anti-rabbit IgM-Biotin-conjugate**

Purified anti-rabbit IgM 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 0.05% 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 -20°C 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**

**Rabbit IgG, IgM, IgA ELISA kits**

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

ELISA kits for the detection of Rabbit Antibodies

20219, 20220, 20230, 20240

70223A

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