

Product Data Sheet

**Monoclonal Anti-Cat IgE antibodies and conjugates**

<b>Cat #.</b> 71050-UL	Mouse monoclonal Anti-Cat IgE IgG, unlabeled	<b>Size:</b> 0.1 mg
<b>Cat #.</b> 71050-HP	Mouse monoclonal Anti-Cat IgE-HRP conjugate	<b>Size:</b> 0.5 ml
<b>Cat #.</b> 71050-BTN	Mouse monoclonal Anti-Cat IgE-biotin conjugate	<b>Size:</b> 0.5 ml

Mice were immunized with antigen grade Cat IgE and hybridoma generated. A clone (IgG1k) was selected for specific reactivity with cat IgE and expanded as ascites. Antibody was further purified over Protein A/G-column. The antibody does not react with cat IgG, IgM, IgA or other serum proteins. The antibody may recognize other species IgE. Purified anti-Cat IgE was labeled with highly purified preparation of horse radish peroxidase or biotinylated using proprietary methods.

**Form and Storage**

**Cat# 70150-UL, unlabeled**

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** (0.1 mg) or **liquid** form (1 mg/ml). Reconstitute powder in water to prepare stock solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

**Cat# 70150-HP, 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** or **liquid** form (0.5 ml). Reconstitute powder in water. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:200-1:2,000 ELISA, 1:200-1:2000 for western, and 1:200-1:500 (IHC).

**Cat# 70150-BTN, Biotin-conjugate**

Purified 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** or **liquid** form (0.5 ml). Reconstitute powder in water in 0.5 ml to prepare stock solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:500-1:5,000 ELISA.

**Recommended Working Dilution**

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.

All products are for In vitro research use only.

**Isotype Controls**

20102-101	Mouse IgG1 isotype control, purified
20102-101-1	Mouse IgG1 isotype control, purified
20102-101-APC	Mouse IgG1-APC conjugate (isotype control)
20102-101-B	Mouse IgG1-Biotin conjugate (isotype control)
20102-101-F	Mouse IgG1-FITC conjugate (isotype control)
20102-101-FP	Mouse IgG1-FITC-PE conj. (isotype control)
20102-101-HP	Mouse IgG1-HRP conjugate (isotype control)
20102-101-PC5	Mouse IgG1-PE-Cy5 conjugate (isotype control)
20102-101-PE	Mouse IgG1-PE conjugate (isotype control)

**Related Material available for ADI**

71010-BTN	Anti-Cat IgA IgG-Biotin conjugate
71010-F	Anti-Cat IgA-FITC Conjugate
71010-HP	Anti-Cat IgA IgG-HRP conjugate
71010-UL	Anti-Cat IgA IgG, aff pure, unlabeled
71020-BTN	Anti-Cat IgG (H+L) IgG-Biotin conjugate
71020-F	Anti-Cat IgG (H+L)-FITC Conjugate
71020-HP	Anti-Cat IgG (H+L)-IgG-HRP conjugate
71020-UL	Anti-Cat IgG (H+L), aff pure, unlabeled
71030-BTN	Anti-Cat IgG-Fc-Biotin conjugate
71030-F	Anti-Cat IgG-Fc-FITC Conjugate
71030-HP	Anti-Cat IgG-Fc-IgG-HRP conjugate
71030-UL	Anti-Cat IgG-Fc, aff pure, unlabeled
71040-BTN	Anti-Cat IgM-Biotin conjugate
71040-F	Anti-Cat IgM-FITC Conjugate
71040-HP	Anti-Cat IgM-HRP conjugate
71040-UL	Anti-Cat IgM, aff pure, unlabeled
71050-BTN	Anti-Cat IgE-Biotin conjugate
71050-HP	Anti-Cat IgE-HRP conjugate
71050-UL	Anti-Cat IgE, aff pure, unlabeled
20002-1-B	Cat IgG-Biotin conjugate (isotype control) purified
20002-1-F	Cat IgG-FITC conjugate (isotype control) purified
20002-1-HP	Cat IgG-HRP conjugate (isotype control) purified
20002-1-UL	Cat IgG, unlabeled (isotype control) purified
20002-2-B	Cat IgG Fc-Biotin conjugate (isotype control) purified
20002-2-F	Cat IgG Fc-FITC conjugate (isotype control) purified
20002-2-HP	Cat IgG Fc-HRP conjugate (isotype control) purified
20002-2-UL	Cat IgG Fc, unlabeled (isotype control) purified
20002-3-B	Cat IgG Fab-Biotin conjugate (isotype control)
20002-3-F	Cat IgG Fab-FITC conjugate (isotype control)
20002-3-HP	Cat IgG Fab-HRP conjugate (isotype control) purified
20002-3-UL	Cat IgG Fab, unlabeled (isotype control) purified
20002-4-B	Cat IgG Fab2-Biotin conjugate (isotype control)
20002-4-F	Cat IgG Fab2-FITC conjugate (isotype control)
20002-4-HP	Cat IgG Fab2-HRP conjugate (isotype control)
20002-4-UL	Cat IgG Fab2, unlabeled (isotype control) purified
20002-5-B	Cat IgM-Biotin conjugate (isotype control) purified
20002-5-UL	Cat IgM, unlabeled (isotype control) purified
300-100-CGG	Cat IgG ELISA Kit, 96 tests, Quantitative
300-170-CGM	Cat IgM ELISA Kit, 96 tests, Quantitative
300-180-CGA	Cat IgA ELISA Kit, 96 tests, Quantitative
300-190-CGE	Cat IgE ELISA Kit, 96 tests, Quantitative

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