

Product Data Sheet

Monoclonal Anti-Cat IgE antibodies and conjugates

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

71050 140919A