

## Anti-h IgE Antibody, Biotinylated

### Product overview

Catalog number	C-20-0003
Specificity	Antibody recognizes human immunoglobulin E
Description	Monoclonal mouse antibody, Biotinylated
Product buffer solution	10 mM phosphate, pH 7.4, 0.9% NaCl, 50% glycerol with 0.1% ProClin™ 300 as a preservative
Shelf life and storage	Unspecified, storage at -20 °C
Analyte description	Immunoglobulin E (IgE) is a class of antibody that has only been found in mammals. It plays an important role in allergy and defense against parasites. Although IgE is typically the least abundant isotype – blood serum IgE levels in a normal individual are only 0.05 % of the IgG concentration - it is capable of triggering the most powerful immune reactions.

### Parameters tested on each lot

Product appearance	Liquid, clear or may turn slightly opaque during storage
ELISA	1:2,000 - 1:10,000

### Parameters determined during product development

Cross-reactivities	Not Determined (N/D)	
Epitope	N/D	
Applications	ELISA	
Recommended dilutions	ELISA	1:2,000 - 1:100,000
Product stability	TEMPERATURE, TIME	RESULT
	+4 °C, 7 days	OK
	+37 °C, 7 days	OK

Stability testing is performed in the product buffer to see whether different temperatures affect the antibody binding. Please note that the shelf life given on the first page is based on real time stability testing at -20 °C in the product buffer.

