

Purified Dog IgE

Polyclonal

Catalog No. P115

Lot No. P115-P1E3211027

SPECIES REACTIVITY	Dog
AMOUNT	0.1 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris–buffered Saline containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Monoclonal canine IgE specific for a nematode antigen was isolated from the cell culture supernatant of a canine x–mouse heterohybridoma cell line using protein A affinity chromatography.</p> <p>Concentration is 1.0 mg/ml determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgE.</p> <p>By SDS–PAGE nonreduced gels show only one band, at 200 kilodaltons (kd), indicating 95% purity, and reduced gels show only two bands, at 75 kd and 25 kd. This protein at concentrations as low as 1 ng/ml is detected by mouse monoclonal Antibodies with biotin, binds to canine mast cells as detected by avidin–phycoerytherin using flow cytometry.</p>
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
APPLICATION NOTES	Used as a positive control in immunoassays.
ADDITIONAL INFO	<p>https://www.fortislife.com/p/P115</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: January 23, 2023