

Purified Dog IgE

Polyclonal

Catalog No. P115

Lot No. NR061623

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	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. Concentration is 1.0 mg/ml determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgE. 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.
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	Please visit our website for additional product information.

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

Date: September 8, 2025