
Goat anti Human IgE, HRP conjugated

Catalog Number: bs-2226G-HRP

Target Protein: Goat anti Human IgE

Host: Goat

Clonality: Polyclonal

Isotype: IgG

Reactivity: Human

Purification: affinity purified by Protein G

Storage: Neat serum with 0.1 % NaN₃.

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: IgE is the least abundant immunoglobulin in plasma, found at a concentration of less than 0.6 micrograms/ml of normal plasma. Elevated IgE levels are found in patients experiencing severe allergic reactions and parasitic infections. In a myeloma condition, IgE is produced by a single clone of plasma cells. The structure of myeloma IgE, however, is normal, and the immunoglobulin purified from a myeloma source is a useful protein for studying immunoglobulin behavior. The affinity purified IgE reacted only with anti IgE and not with anti IgG, IgA, IgM or IgD by immunodiffusion and IEP techniques. Prepared from myeloma plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.7] Yutong Huang, et al. The effects of ultrasound-assisted glycation on the allergenicity and functional properties of peanut proteins. INT J BIOL MACROMOL. 2024 Oct;136664 ELISA ; Human . 39423979