



## PRODUCT DATA SHEET

**Product:** Anti- $\beta$ -Galactosidase, Polyclonal

**Cat. No:** PC-209 (1.0 mg)

**Procedure:**

Chickens were immunized with beta-galactosidase from *Escherichia coli*. After multiple immunizations in Freund's adjuvant, eggs were collected and delipidated. Antibodies were solid phase absorbed then immunoaffinity purified using purified beta-galactosidase immobilized on a solid phase. Antibody concentration was determined by extinction coefficient: OD 1.32 at 280 nm equals 1.0 mg/ml.

**Specification:**

ELISA: Antibody specifically was verified by ELISA against wells containing 100  $\mu$ l antigen at a concentration of 10  $\mu$ g/ml. A 1:10,000 dilution of the antibody gave an OD = 1.0 in a 15 minute reaction using HRPO conjugated Goat anti-Chicken IgY (IgG) at 1:25,000 and TMB as the substrate. Less than 2% reactivity with *E. coli*.

**Host:** Chicken

**Format:**

Liquid. Antibody in PBS, pH 7.2 with 0.1% sodium azide.

**Storage and Stability:**

Store at +4°C.

**Applications and Suggested Dilutions:**

- ELISA
- Western blot: Use at 1:500-1:2,000.

The optimal dilution for a specific application should be determined by the researcher.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.