

Purified IgY Isotype Control | IgY isotype control

Purified Chicken IgY

CATALOG #
AAA14460

APPLICATIONS
ELISA

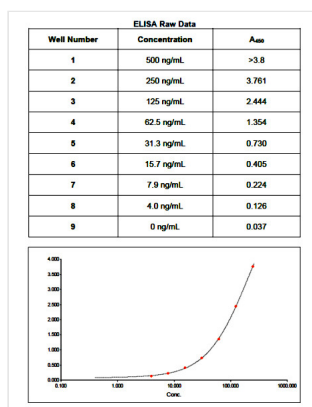
PRODUCT SYNONYMS

Purified IgY; Purified Chicken IgY; Purified Chicken IgY h+I PROTEIN REFERENCE STANDARDS; Chicken Protein Reference Standards; IgY isotype control

PRODUCT SPECIFICATIONS

Specificity	Antibody concentration was determine by extinction coefficient: OD. 1.32 at 280nm equals 1.0mg of IgY. Optimal working dilutions should be determined experimentally by the investigator.
Form/Format	Lyophilized; PBS, pH 7.2 with non-protein stabilizer.
Applicable Applications for IgY isotype control	ELISA (Direct ELISA)
Application Notes	Quality Control Testing: Quality control testing by Direct ELISA utilizing the following parameters: Step 1: (Action) Antigen @ 500 ng/well. Incubated 60 minutes. ; (Materials Used) Purified Chicken IgY Step 2: (Action) Block plates for 30 minutes ; (Materials Used) 1% BSA Step 3: (Action)HRP Conjugated Antibody. Incubated 60 minutes. ; (Materials Used) HRP Goat anti-Chicken IgY h+I (GGHL-30P) Step 4: (Action) Develop with TMB-Incubated 5 minutes ; (Materials Used) TMB Substrate Step 5: (Action) Stop reaction ; (Materials Used) 0.3M H₂SO₄ Step 6: (Action) Read plates at OD450 ; (Materials Used) Microplates Reader set @ OD450
Procedure	The IgY h+I was from egg yolks using a combination of procedures that include salt fractionation.
Preparation and Storage	Lyophilized material should be kept at 2-8°C until rehydrated and will remain stable for two years. Rehydrate by adding 0.5ml of reagent quality water to the product vial. Store the liquid solution at 2-8°C for up to a week: Thereafter, aliquots should be prepared and store frozen. Stable for a minimum of 1 year at -20°C to -80°C. Multiple freeze-thaw cycles are not recommended.

IMAGES



ELISA
Raw Data

Step	Action	Materials Used
1	Antigen @ 500 ng/well. Incubated 60 minutes.	Purified Chicken IgY
2	Block plates for 30 minutes	1% BSA
3	HRP Conjugated Antibody. Incubated 60 minutes	HRP Goat anti-Chicken IgY (GGHL-30P)
4	Develop with TMB. Incubated 5 minutes	TMB Substrate
5	Stop reaction	0.3M H ₂ SO ₄
6	Read plates at A ₄₅₀	Microplate Reader set at 450 nm

ELISA
Raw Data

ADDITIONAL INFORMATION

Product Categories/Family for IgY isotype control	PROTEIN REFERENCE STANDARDS
---	-----------------------------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/isotype-control/purified-igy/14460>