

Chicken ubiquitin B (UBB) ELISA Kit | UBB elisa kit

Chicken ubiquitin B (UBB) ELISA Kit

CATALOG #
AAA27279

REACTIVITY
Chicken

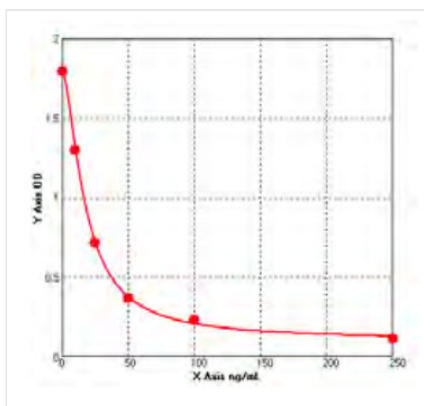
PRODUCT SYNONYMS

ubiquitin B (UBB); Chicken ubiquitin B (UBB) ELISA Kit; UBB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of UBB. No significant cross-reactivity or interference between UBB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between UBB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBB elisa kit	Principle of the Assay: UBB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-UBB antibody and an UBB-HRP conjugate. The assay sample and buffer are incubated together with UBB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the UBB concentration since UBB from samples and UBB-HRP conjugate compete for the anti-UBB antibody binding site. Since the number of sites is limited, as more sites are occupied by UBB from the sample, fewer sites are left to bind UBB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UBB concentration in each sample is interpolated from this standard curve. Intended Uses: This UBB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken UBB. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for UBB elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	54887368
NCBI GeneID	7314
Molecular Weight	25,762 Da
NCBI Official Full Name	Ubiquitin B
NCBI Official Synonym Full Names	ubiquitin B
NCBI Official Symbol	UBB
NCBI Protein Information	polyubiquitin-B; polyubiquitin B
UniProt Protein Name	Polyubiquitin-B
UniProt Gene Name	UBB
UniProt Entry Name	UBB_HUMAN

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/chicken-elisa-kits/ubiquitin-b-ubb/27279>