

Chicken Involucrin ELISA Kit | INV elisa kit

Chicken Involucrin ELISA Kit

CATALOG #
AAA90767

REACTIVITY
Chicken

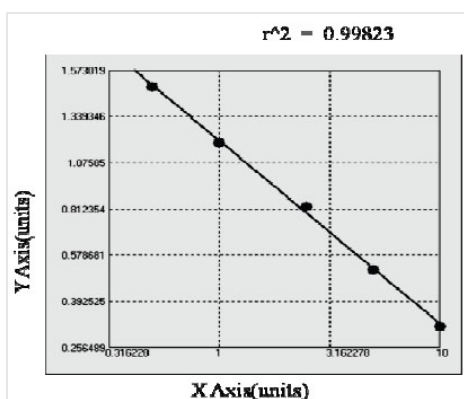
PRODUCT SYNONYMS

Involucrin; Chicken Involucrin ELISA Kit; INV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This INV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken INV. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INV elisa kit

Principle of the Assay: INV ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-INV antibody and an INV-HRP conjugate. The assay sample and buffer are incubated together with INV-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 INV concentration since INV from samples and INV-HRP conjugate compete for the anti-INV antibody binding site. Since the number of sites is limited, as more sites are occupied by INV from the sample, fewer sites are left to bind INV-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The INV concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	44890059
NCBI GeneID	3713
NCBI Accession #	NP_005538.2
NCBI GenBank Nucleotide #	NM_005547.2
UniProt Accession #	P07476; Q5T7P4
Molecular Weight	68,479 Da
NCBI Official Full Name	involucrin
NCBI Official Synonym Full Names	involucrin
NCBI Official Symbol	IVL
NCBI Protein Information	involucrin
UniProt Protein Name	Involucrin
UniProt Gene Name	IVL
UniProt Entry Name	INVO_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/inv-chicken-elisa-kits/involucrin/90767>