

Chicken Ovotransferrin ELISA Kit | OT elisa kit

Chicken OT (Ovotransferrin) ELISA Kit

CATALOG #
AAA22052

REACTIVITY
Chicken

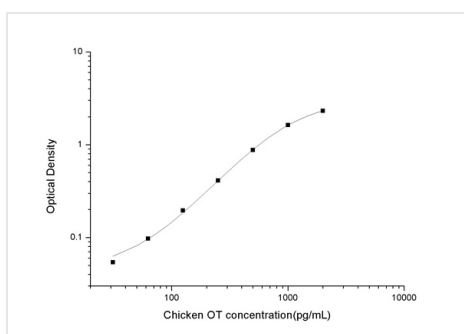
PRODUCT SYNONYMS

Ovotransferrin; Chicken OT (Ovotransferrin) ELISA Kit; OT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This kit recognizes Chicken OT in samples. No significant cross-reactivity or interference between Chicken OT and analogues was observed.
Sequence Length	705
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Chicken OT were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Chicken OT were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OT elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Chicken OT. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Chicken OT and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Chicken OT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Chicken OT. You can calculate the concentration of Chicken OT in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Chicken OT concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45385813
NCBI GeneID	396241
NCBI Accession #	NP_990635.1
NCBI GenBank Nucleotide #	NM_205304.1
UniProt Accession #	P02789
NCBI Official Full Name	ovotransferrin
NCBI Official Synonym Full Names	transferrin (ovotransferrin)
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	LTF; TFEW; conalbumin
NCBI Protein Information	ovotransferrin

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.