

Chicken pyridinium crosslink / PyriLinks (PY) ELISA Kit | PY elisa kit

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CATALOG # AAA53674	REACTIVITY Chicken
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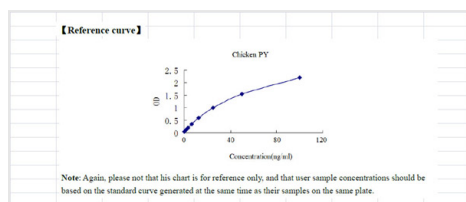
PRODUCT SYNONYMS

pyridinium crosslink / PyriLinks (PY); Chicken pyridinium crosslink / PyriLinks (PY) ELISA Kit; PY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Sequence Length	644
Samples	Chicken serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PY elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Chicken PY monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334184567
NCBI GeneID	817513

NCBI Accession #	NP_001189634.1
NCBI GenBank Nucleotide #	NM_001202705.1
Molecular Weight	71,987 Da
NCBI Official Full Name	phosphomethylpyrimidine synthase
NCBI Official Symbol	THIC
NCBI Official Synonym Symbols	PY; PYRIMIDINE REQUIRING; T27A16.27; T27A16_27; thiaminC; THIC
NCBI Protein Information	phosphomethylpyrimidine synthase
UniProt Protein Name	Phosphomethylpyrimidine synthase, chloroplastic
UniProt Gene Name	THIC
UniProt Synonym Gene Names	PY; At2g29630; T27A16.27; HMP-P synthase; HMP-phosphate synthase; HMPP synthase; Protein THIAMINE C
UniProt Entry Name	THIC_ARATH

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.

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Online datasheet: <https://www.aaabiotech.com/chicken-elisa-kits/pyridinium-crosslink-pyrimlinks-py/53674>