

Mouse Pyridinoline crosslinks, PYD ELISA Kit | PYD elisa kit

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CATALOG #
AAA80797

REACTIVITY
Mouse

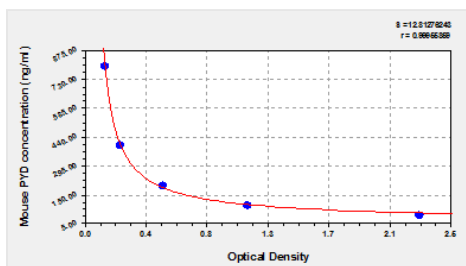
PRODUCT SYNONYMS

Pyridinoline crosslinks; PYD; Mouse pyridinoline; PYD ELISA Kit; Mouse pyridinoline (PYD) ELISA Kit; PYD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PYD. No significant cross-reactivity or interference between mouse PYD and analogues was observed.
Assay Type	Competitive
Samples	Serum, plasma
Detection Range	50 ng/ml-800 ng/ml
Sensitivity	< 50 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYD elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PYD. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated PYD. A competitive inhibition reaction is launched between PYD (Standards or samples) and Biotin-conjugated PYD with the pre-coated antibody specific for PYD. The more amount of PYD in samples, the less antibody bound by Biotin-conjugated PYD. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of PYD in the sample. The color development is stopped and the intensity of the color is measured.

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/mouse-elisa-kits/pyridinoline-crosslinks-pyd/80797>