

Mouse DDT (D-Dopachrome Tautomerase) ELISA Kit | DDT elisa kit

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CATALOG #
AAA274529

REACTIVITY
Mouse

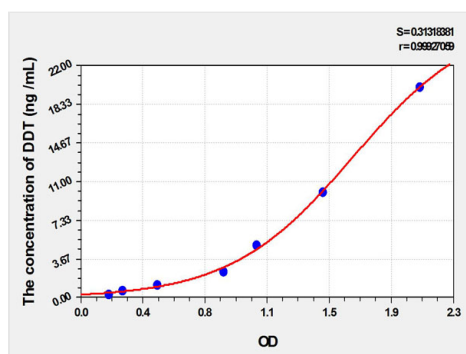
PRODUCT SYNONYMS

DDT (D-Dopachrome Tautomerase); Mouse DDT (D-Dopachrome Tautomerase) ELISA Kit; DDCT; D-Dopachrome Decarboxylase; Phenylpyruvate tautomerase II; DDT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse DDT. No significant cross-reactivity or interference between Mouse DDT and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.129 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDT elisa kit	Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to D-Dopachrome Tautomerase(DDT). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to D-Dopachrome Tautomerase(DDT). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain D-Dopachrome Tautomerase(DDT), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of D-Dopachrome Tautomerase(DDT) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for DDT elisa kit	Enzyme & Kinase

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/ddt-d-dopachrome-tautomerase/274529>