

Fish 11-Keto Steroid ELISA Kit

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CATALOG # AAA55525	REACTIVITY Fish
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PRODUCT SYNONYMS

11-Keto Steroid; Fish 11-Keto Steroid ELISA Kit; 11-Keto Steroid elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Specificity	This assay has high sensitivity and excellent specificity for detection of Fish 11-KS. No significant cross-reactivity or interference between Fish 11-KS and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.25 ug/mL - 20 ug/mL
Sensitivity	1.25 ug/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for 11-Keto Steroid elisa kit	Intended Uses: For the quantitative detection of Fish 11-Keto Steroid (11-KS) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to 11-KS. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated 11-KS. A competitive inhibition reaction is launched between 11-KS (Standards or samples) and biotin-conjugated 11-KS with the pre-coated antibody specific for 11-KS. The more amount of 11-KS in samples, the less antibody bound by biotin-conjugated 11-KS. After washing, Streptavidin 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 11-KS in the sample. The color development is stopped and the intensity of the color is measured.
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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/fish-elisa-kits/11-keto-steroid/55525>