

Florfenicol ELISA Kit | FF elisa kit

Florfenicol (FF) ELISA Kit

CATALOG #
AAA55582

PRODUCT SYNONYMS

Florfenicol; Florfenicol (FF) ELISA Kit; FF elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Fish PG-E2. No significant cross-reactivity or interference between Fish PG-E2 and analogues was observed.
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	25 pg/mL-400 pg/mL
Sensitivity	25 pg/mL (mean of 6 independent assays).
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 FF elisa kit	Intended Uses: For the quantitative detection of Fish Prostaglandin E2 (PG-E2) concentration in serum, plasma and other biological fluids. 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 PG-E2. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated PG-E2. A competitive inhibition reaction is launched between PG-E2 (Standards or samples) and biotin-conjugated PG-E2 with the pre-coated antibody specific for PG-E2. The more amount of PG-E2 in samples, the less antibody bound by biotin-conjugated PG-E2. 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 PG-E2 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/ff-elisa-kits/florfenicol/55582>