

Trimethoprim (TMP) ELISA Kit | TMP elisa kit

Trimethoprim (TMP) ELISA Kit

CATALOG #
AAA55983

PRODUCT SYNONYMS

Trimethoprim (TMP); Trimethoprim (TMP) ELISA Kit; TMP elisa kit

PRODUCT SPECIFICATIONS

Assay Type	Quantitative Competitive
Samples	Feed, tissue, serum, plasma, urine
Detection Range	0.03 ppb - 2.43 ppb
Sensitivity	0.03 ppb
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<10%
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 to 8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TMP elisa kit

Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of TMP in the sample. The microtiter plate provided in this kit has been pre-coated with anti-TMP antibodies. Samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated and incubated. Then substrate solutions are added to each well. The enzyme- substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The optical density (OD) value of the sample has a negative correlation with the TMP in it. This value is compared to the standard curve and the TMP concentration is subsequently obtained.

Intended Uses: For the quantitative detection of Trimethoprim (TMP) concentration in feed, tissue, serum, plasma, urine.

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/elisa-kits/trimethoprim-tmp/55983>