

Ractopamine ELISA Kit

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CATALOG #
AAA55448

PRODUCT SYNONYMS

Ractopamine; Ractopamine ELISA Kit; Ractopamine elisa kit

PRODUCT SPECIFICATIONS

Assay Type	Quantitative Competitive
Samples	Urine, tissue, liver, feed
Detection Range	0.1 ppb - 8.1 ppb
Sensitivity	0.1 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<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<15%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for Ractopamine elisa kit

Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of RAC in the sample. The conjugated antigens is pre-coated on the micro-well stripes. The RAC in the sample and the coupling antigens pre-coated on the micro-well stripes compete for anti-RAC antibodies. After the addition of the enzyme conjugate, the TMB substrate is added for coloration. The optical density (OD) value of the sample has a negative correlation with the RAC in it. This value is compared to the standard curve and the RAC concentration is subsequently obtained.

Intended Uses: For the quantitative detection of Ractopamine (RAC) concentration in urine, tissue, liver, feed.

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/ractopamine/55448>