

Chloride Assay Kit

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CATALOG #
AAA172732

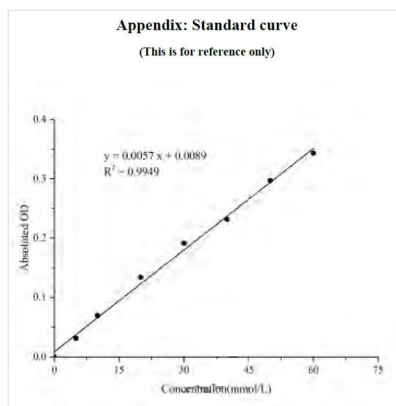
PRODUCT SYNONYMS

Chloride; Chloride assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma and animal tissue samples
Detection Range	1.0-60 mmol/L
Sensitivity	1.0 mmol/L
Intra-assay Precision	The intra-assay CV is 3.6%.
Inter-assay Precision	The inter-assay CV is 6.4%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Chloride assay kit

Principle of the Assay: Chloride ion in biological fluids are replaced by the mercury ions in mercury thiocyanate through ion replacement, which resulted in the formation of difficult-to-dissociate mercury chloride. The substituted thiocyanate ions were combined with ferric nitrate to form a red complex. The content of chlorine ion can be calculated indirectly by measuring the OD value at 460 nm.

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.