

Potassium (K) Turbidimetric Assay Kit

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CATALOG #
AAA22087

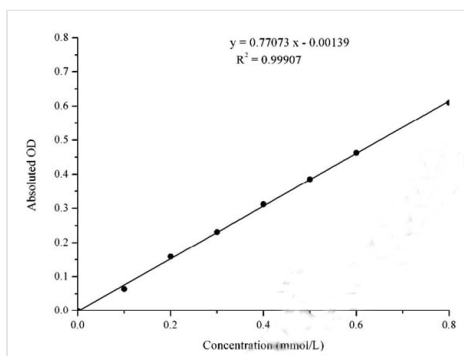
PRODUCT SYNONYMS

Potassium (K) Turbidimetric; Potassium (K) Turbidimetric Assay Kit; Potassium (K) Turbidimetric assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma, milk, tissue, cells and other samples
Detection Range	0.01-0.80 mmol/L
Sensitivity	0.002 mmol/L
Intra-assay Precision	The intra-assay CV is 1.1%.
Inter-assay Precision	The inter-assay CV is 6.1%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Potassium (K) Turbidimetric assay kit

Principle of the Assay: Under the alkaline condition, the sodium tetraphenylborate reacts with the potassium ions in the sample to form the potassium tetraphenylborate which is white and small particles with small solubility. Potassium tetraphenylborate particles are in a stable suspension state in the solution. The turbidity is proportional to the potassium ion concentration in the sample and potassium content can be calculated indirectly by measuring the OD value at 450 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.