

ATP Chemiluminescence Assay Kit | ATP assay kit

ATP Chemiluminescence Assay Kit

CATALOG #
AAA177767

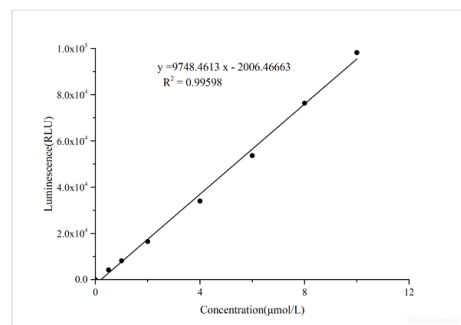
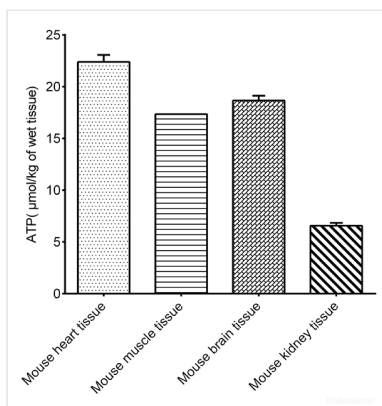
PRODUCT SYNONYMS

ATP Chemiluminescence; ATP Chemiluminescence Assay Kit; ATP assay kit

PRODUCT SPECIFICATIONS

Samples	Animal tissue samples
Detection Range	0.003-10 umol/L
Sensitivity	0.003 umol/L
Preparation and Storage	Store at -20 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for ATP assay kit

Intended Uses: This kit can be used to measure ATP content in animal tissue samples.

Principle of the Assay: Under the catalyzation of luciferase, ATP react with luciferin and emits fluorescence, and the fluorescence intensity is proportional to the concentration of ATP within a certain range.

Background/Introduction: Adenosine 5' -triphosphate (ATP), an organic compound, is a natural nucleotide present in every cell consisting of purine base (adenine), ribose, and three phosphate groups. The content in tissue cells is generally in dynamic equilibrium, which is of great significance to constitute a stable energy supply environment inside the organism. ATP released from many cells is a physiological or pathophysiological response to mechanical stress, hypoxia, inflammation, and some agonists.

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.