

Guinea Pig keratan sulfate ELISA Kit | KS elisa kit

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CATALOG #
AAA84191

REACTIVITY
Guinea Pig

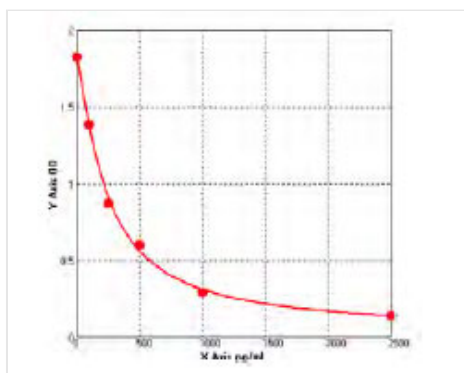
PRODUCT SYNONYMS

keratan sulfate; Guinea pig keratan sulfate ELISA Kit; KS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Human Serum And Cell Lysate
Sensitivity	1.7 ng/ml.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KS elisa kit

Intended Uses: This KRS ELISA kit is to be used for the determination of Lysyl-tRNA synthetase (KRS) in human serum and cell lysate. This kits is intended for research use only!!
Background/Introduction: Among the components within the multi-tRNA synthetase complex (MSC), lysyltRNA synthetase (KRS) is the most functionally versatile and found at various cellular locations (1). For instance, in the nucleus of activated mast cells, KRS was shown to interact with transcriptional factors such as MITF for the induction of target genes (2). In addition, KRS can be secreted from some inflammatory cancer cells to induce proinflammatory cytokines, such as TNF- α (3). Although KRS was also identified in plasma membrane (1, 4-6), its functional implication has not been understood. KRS is translocated to plasma membrane in a laminin-dependent manner and associates with the 67-kDa laminin receptor (67LR). Lysyl-tRNA synthetase (KRS) can translocate to the nucleus to bind microphthalmia-associated transcription factor, which is an oncogenic transcriptional activator that is implicated in the development of melanoma. KRS is also secreted and induces the production of TNF from macrophages.

Product Categories/Family for KS elisa kit

Cell Biology

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.

