

**User's Manual**

# **Human GLUL ELISA Matched Antibody Pair**

**REF** ABPR-0384**RUO**

This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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## PRODUCT INFORMATION

### Intended Use

This antibody pair set comes with matched antibody pair to detect and quantify protein level of human GLUL.

### General Description

The protein encoded by this gene belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia. Glutamine is a main source of energy and is involved in cell proliferation, inhibition of apoptosis, and cell signaling. This gene is expressed during early fetal stages, and plays an important role in controlling body pH by removing ammonia from circulation. Mutations in this gene are associated with congenital glutamine deficiency. Several alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Oct 2009]

### Reagents And Materials Provided

Antibody pair set content:

1. Capture antibody: mouse monoclonal anti-GL $\mu$ l (100  $\mu$ g)
2. Detection antibody: rabbit purified polyclonal anti-GL $\mu$ l (50  $\mu$ g)

Note: Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

### Reconstitution And Storage

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.