



**User's Manual**

# **Human REG1A ELISA Matched Antibody Pair**

**REF** ABPR-0769



**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 REG1A.

### General Description

This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III and IV, based on the primary structures of the encoded proteins. This gene encodes a protein that is secreted by the exocrine pancreas. It is associated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Reg family members REG1B, REG1, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication.

### Reagents And Materials Provided

Antibody pair set content:

1. Capture antibody: mouse monoclonal anti-REG1A (100 µg)
2. Detection antibody: biotinylated mouse monoclonal anti-REG1A, IgG2a Kappa (50 µg)

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.