

**User's Manual**

# **Human MMP3 ELISA Matched Antibody Pair**

**REF** ABPR-0572**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.

---

**Creative Diagnostics**

 **Address:** 45-1 Ramsey Road, Shirley, NY 11967, USA

 **Tel:** 1-631-624-4882 (USA) 44-161-818-6441 (Europe)  **Fax:** 1-631-938-8221

 **Email:** [info@creative-diagnostics.com](mailto:info@creative-diagnostics.com)  **Web:** [www.creative-diagnostics.com](http://www.creative-diagnostics.com)

---

## PRODUCT INFORMATION

### Intended Use

This antibody pair set comes with matched antibody pair to detect and quantify protein level of human MMP3.

### General Description

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

### Reagents And Materials Provided

Antibody pair set content:

1. Capture antibody: MagicTM rabbit affinity purified polyclonal anti-MMP3 (100 µg)
2. Detection antibody: mouse monoclonal anti-MMP3, IgG2b Kappa (20 µg)

Note: Reagents are sufficient for at least 1-2 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.