

**User's Manual**

# Human Myeloperoxidase ELISA Kit

**REF** DEIA6443 $\Sigma$  96T**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

The Myeloperoxidase (human), ELISA kit is a complete kit for the quantitative determination of MPO in biological fluids.

### Storage

All components of this kit are stable at 4°C until the kit's expiration date.

### Precision

Intra-assay precision was determined by assaying 24 replicates of three buffer controls containing human MPO in a single assay.

<b>In Assay Buffer 13</b>		<b>In Assay Buffer 31</b>	
<b>ng/mL</b>	<b>%CV</b>	<b>ng/mL</b>	<b>%CV</b>
9.6	1.1	10.3	1.6
2.0	1.3	2.0	1.9
1.0	3.6	1.0	3.6

Table 7.

Inter-assay precision was determined by measuring buffer controls of varying human MPO concentrations in multiple assays over several days.

<b>In Assay Buffer 13</b>		<b>In Assay Buffer 31</b>	
<b>ng/mL</b>	<b>%CV</b>	<b>ng/mL</b>	<b>%CV</b>
9.9	3.5	10.0	1.9
2.0	3.5	1.9	3.6
0.98	3.1	0.95	7.2

Table 8:

### Sensitivity

0.028 ng/mL