

# PMN - ELASTASE

**PMN-elastase** from human polymorpho-nuclear granulocytes is a glycoprotein of 30 kDa and belongs to the family of serine proteases. The release of active **PMN-Elastase** occurs after challenge of the azurophilic granules of neutrophil granulocytes or during the degradation of these cells. The determination of **PMN-elastase** in plasma is used for recording inflammatory reactions involving neutrophil granulocytes. **PMN-elastase** strengthens the MPO-H<sub>2</sub>O<sub>2</sub> system.

**Designed to be suitable for processing small amounts of specimen**

**Sandwich ELISA technology with a highly specific antibody pair**

## INDICATIONS

- Bacterial infection, sepsis
- Adult Respiratory Distress Syndrome (ARDS)

## LITERATURE

1. Thomas: *Labor und Diagnose* 5. Auflage S.807
2. Windolf I. et al. (1994) *Unfallchirurgie* 20: 239-250
3. Oremek G.M. et al. (1995) *MTA* 4:273-278

## BASELINE VALUES

Stool  
< 62 ng/ml

Serum  
19 - 78 ng/ml

<b>Sample volume</b>	100 µl
<b>Matrix</b>	Serum, Plasma, Stool, Seminal plasma
<b>Detection limit</b>	0.12 ng/ml
<b>Calibrators</b>	0.4 – 10 ng/ml
<b>Incubation time</b>	1 h; 1h; 1 h; 20 min
<b>ELISA</b>	
<b>Tests</b>	96 Determinations
<b>Art. No.</b>	K 6840