

## **Products for Infection and Sepsis**

New from IQ Products

### ***sTREM-1 ELISA***

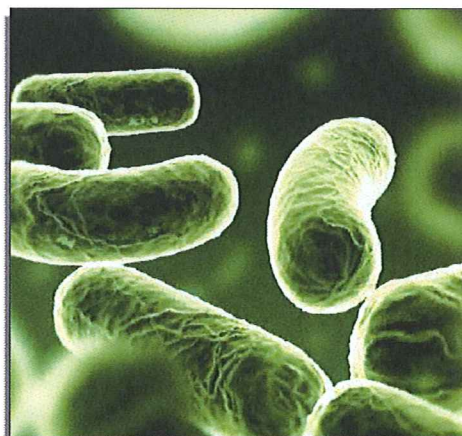
Quantitation of soluble TREM-1 in serum and plasma

*sTREM-1 level is a valuable early indicator for infection and sepsis*



#### **Potential Applications**

- Use as diagnostic marker for serious bacterial infection in febrile infants (<3 months)
- Discriminates between sepsis and systemic inflammatory response syndrome (SIRS)
- Detects inflammatory conditions in lungs
- Indicates the disease activity in inflammatory bowel diseases
- Tool in progression follow up of the patient's inflammatory status



#### **Special Features**

- Assay around 3.5 hours, less than 1 hour of hands-on-time
- Complete ELISA kit
- Pre-coated plates
- Standardized and quantitative
- Only 20 µl of sample is needed

## Background information

Sepsis is a syndrome characterized by an overwhelming systemic (whole body) response to infection, rapidly resulting in organ dysfunction, and ultimately death. Sepsis is likely to become more prevalent as populations age. The mortality associated with severe sepsis is high, 20-40% of the patients die. Annually approximately 900,000 and 750,000 individuals suffer from severe sepsis in the Europe and in the US, respectively.



## sTrem-1

Human Triggering Receptor Expressed on Myeloid Cells 1 (TREM-1) is expressed on the surface of granulocytes and peripheral monocytes and acts as an amplifier of inflammatory responses. Triggering of the receptor will result in the release of pro-inflammatory cytokines, chemokines and the up-regulation of surface activation markers. During sepsis there is a significant increase in the release of soluble TREM-1.

Product details			
Item	Description	Test size	Product code
sTREM-1 ELISA RUO	sTREM-1 ELISA assay quantification of soluble Trem-1 in serum and plasma	96 tests	IQP-385

Related products			
Item	Description	Test size	Product code
Macro163 RUO	sCD163 ELISA assay for measuring Macrophage and monocytes activation	96 tests	IQP-383
Leuko64™ IVD CE	Complete kit for the detection of inflammation and tissue injury by leukocyte CD64 detection	Flow cytometer version	75 tests LK-64-75
		Hematology analyzer version	250 tests LK-64-250 100 tests LK64-H-100

RUO

For research Use Only

IVD CE

For In Vitro Diagnostic use.

This product is registered as IVD in the countries belonging to the European Union

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