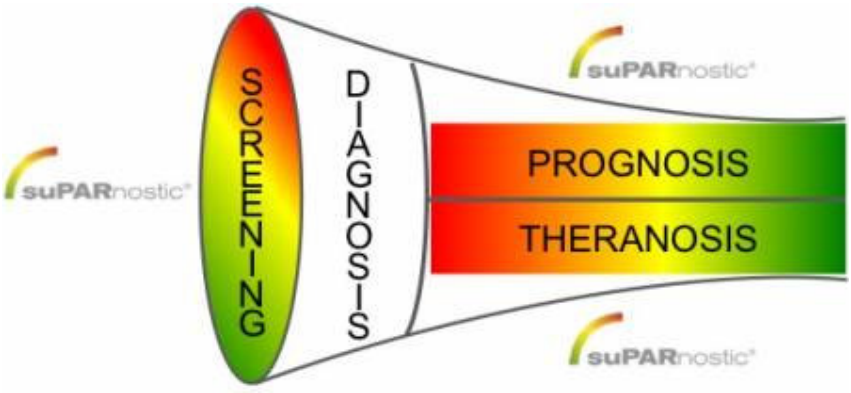
suPAR used in Screening, Prognosis and Theranosis

suPARnostic® is a vital tool in critical care situations that involve conditions such as sepsis, malaria and HIV. **suPARnostic® acts as a master alarm for a patient's risk status** - an elevated suPARnostic® level reflects a developing critical condition and increased risk of mortality. A simple test on a patient can thus provide clinicians with information that can help in decisions concerning screening (triaging), prognosis and theranosis (monitoring of treatment).



suPAR is a protein in the blood. If an individual's suPARnostic® level is very high, there is an increased chance of negative outcome (e.g. mortality) if appropriate treatment is not administered at the earliest. Appropriate treatment should result in a lowered suPARnostic® level.

Thus, by measuring an individual's suPARnostic® level, the prognosis can be supported, the need for therapy is indicated and the effect of treatment can be monitored.

We have worked for several years on the measurement of patient samples with suPARnostic® in a number of disease indications. In several studies, funded and conducted independently of ViroGates, results have led to the conclusion that **an elevated suPARnostic® level carries negative prognostic value of patient survival** amongst those suffering from some type of infection and/or inflammatory condition - an information that might be crucial for the doctor in clinical decision-making. For the moment, these findings extend to **HIV, TB, Malaria, Sepsis, bacterial and viral CNS infections, Rheumatoid Arthritis, Multiple Sclerosis, and certain cancers**.

Thus suPAR can be used to triage patient samples, measure treatment response and further document reached endpoints. suPAR's high stability and uniform kinetics make it **a reliable clinical biomarker** – it beats other markers used for similar purposes.

See www.suparnostic.com/index.php/docuoverview for references.

Distributed by Caltag Medsystems Ltd.

Tel +44 (0) 1280 827460 Email office@caltagmedsystems.co.uk Web www.caltagmedsystems.co.uk