



CHORUS suPAR Extended

A marker of inflammation and activation of the immune system



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Immunoenzymatic test for the quantitative determination of suPAR.
suPAR is a non-specific parameter of an inflammatory status, used as an aid for monitoring the physiological or pathological state of the patient.

Benefits of suPAR

- **Reflects the extent of immune activation in the individual:** suPAR is the soluble form of the cell membrane-bound protein uPAR, which is released during inflammation or immune activation¹
- **Provides information on whether disease is present or not, as well as the seriousness of the disease:** elevated suPAR levels are associated with the presence and progression of disease and with an increased risk of mortality²
- **Reflects the level of chronic inflammation:** is a potential marker for the development of diseases^{3, 4}
- **Predicts the risk of readmission and mortality:** a low suPAR level is suggestive of discharging the hospitalized patient, whereas a high suPAR level indicates disease and risk of readmission and mortality

1. Thunø M, et al Dis Markers 2009;27(3):157-72,
2. Rasmussen LJH, et al Emerg Med J2016;33:769-775

3. Eugen-Olsen, J et al J Intern Med 2010;268, 296-308
4. Donadello K, et al J Crit Care 2014 Feb;29(1):144-9

CHORUS advantages



**Single test
ready to
use device**



**Random
access
system**



**Safe and
easy to use**



**No hidden costs
No waste of
reagents**

Main assay features

- Calibrator and control included in the kit
- **Calibration** required for **each new lot**
- **Sample type:** serum and plasma
- **Assay Range:** 0.5 – 25 ng/mL
- **Interpretation of results:**



| | |
|-----------|---|
| < 4 ng/ml | Physiological value |
| 4-6 ng/ml | Alteration of the physiological value, indicative of a probable inflammatory process in progress |
| > 6 ng/ml | Pathological value, strong indication of ongoing inflammatory process (acute or chronic) and probable worsening of the clinical state |

| NAME | TEST | CODE |
|-----------------------|------|-------|
| CHORUS suPAR Extended | 36 | 81414 |