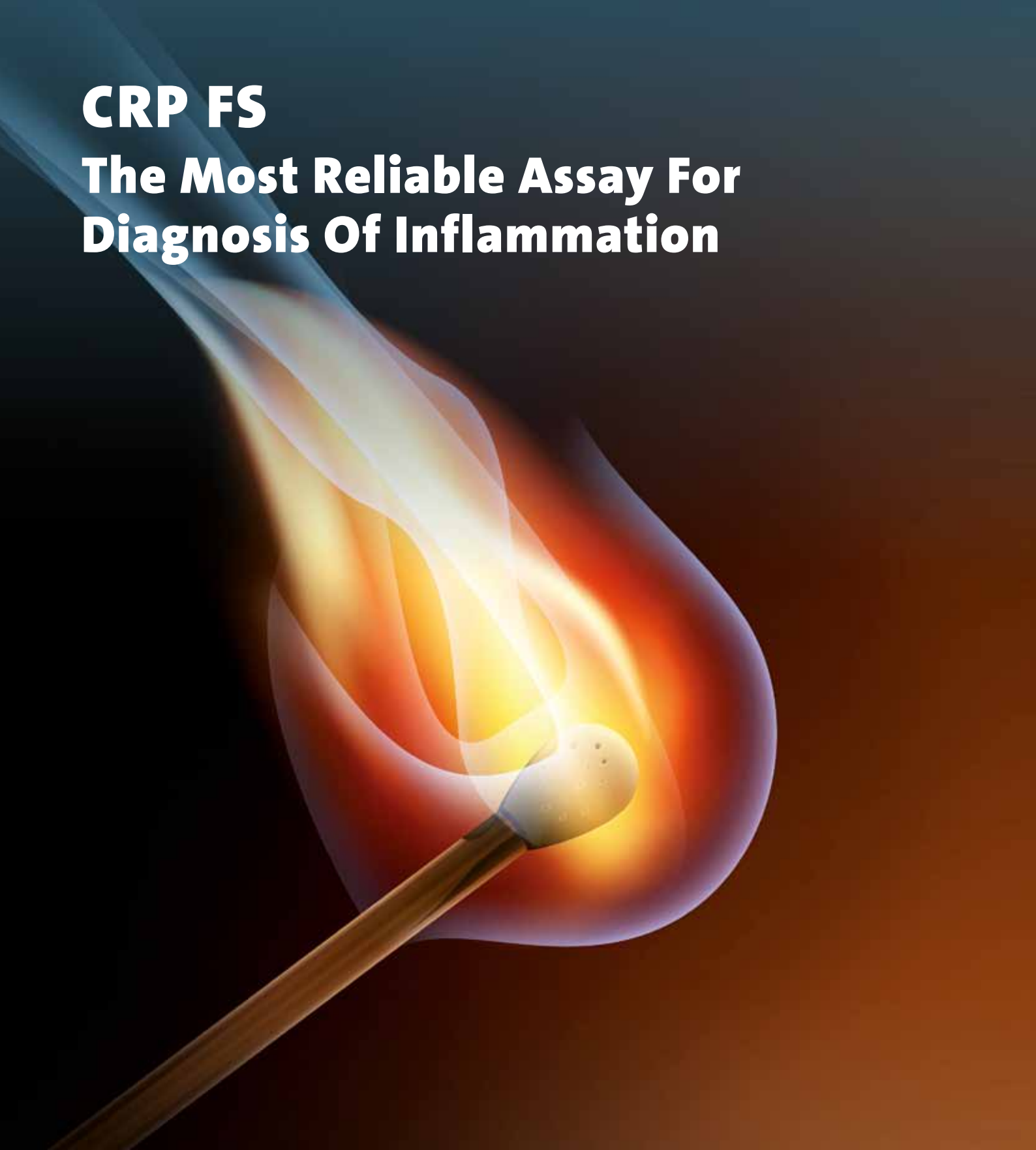
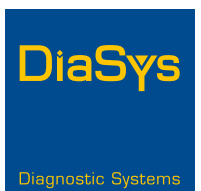


CRP FS

The Most Reliable Assay For Diagnosis Of Inflammation



- Robust. Accurate. Sensitive.
- Liquid Stable. Ready To Use.
- Standardized.



CHOOSING QUALITY.

Clinical Relevance

C-reactive protein is the best known among the acute-phase proteins whose concentration increases in blood as a response to inflammatory disorders.

C-reactive protein supports the body's immune defense against pathogens e. g. it activates macrophages, which engulf and digest bacteria.

Clinical application of CRP measurement

- Early detection of inflammatory processes, earlier than rise in fever and leucocytes.
- Differentiation between viral and bacterial infections.
- Monitoring of antibiotic therapy. CRP reacts faster than the previously used blood sedimentation rate.
- Distinction of acute and chronic events reflecting the disease activity.
- Marker for inflammatory rheumatic diseases and drug response monitoring in rheumatoid arthritis.
- Identification of graft-versus-host-disease and intrauterine infections in obstetrics.
- Risk marker for atherosclerosis, insulin resistance and the metabolic syndrome.

Reference ranges

| | |
|-----------------------|------------|
| Adults | < 5 mg/L |
| Newborn up to 3 weeks | < 4.1 mg/L |
| Infants and children | < 2.8 mg/L |

Early Detection – Early Intervention

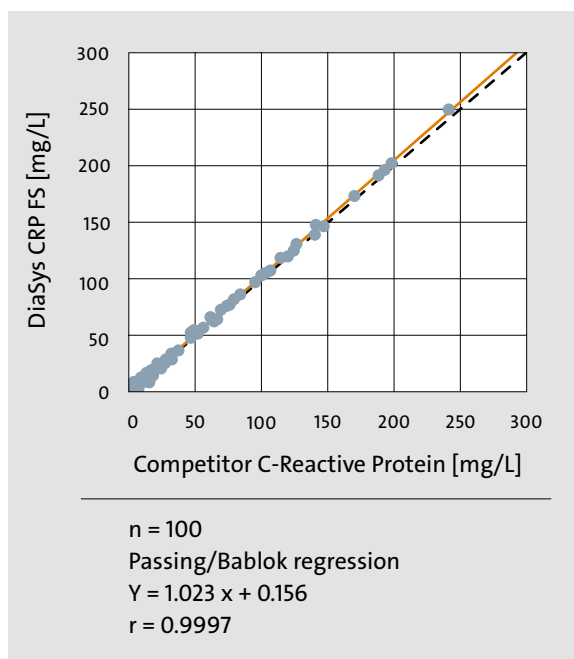
DiaSys CRP FS = Quantitative Measurement Instead Of Rough Estimate

| Advantage of DiaSys CRP FS | Disadvantage of latex agglutination slides |
|--|--|
| Quantitative results Standardized to international reference material | Only qualitative or semi-quantitative results, no exact quantification possible |
| True differentiation of borderline cases from positive and negative cases | No true differentiation of borderline cases from positive and negative cases |
| Automated processing | General limitations of manual procedures Person dependent visual assessment |
| Safe handling, minimized contamination risk | High contamination risk for user and reagent |

DiaSys CRP FS offers:

- Fully quantitative results
- Measuring range at least up to 250 mg/L
- High prozone security up to 2000 mg/L
- Excellent method comparison to competitors' assays
- No significant interferences by lipids, hemoglobin and bilirubin
- Standardized to international reference material ERM®-DA474/IFCC
- On-board and calibration stability at least 4 weeks
- Liquid-stable, ready-to-use reagent
- Immunoturbidimetric test, no latex – no cuvette contamination
- Manual or automated use; easily applicable
- Variety of instrument applications available
- One and multipoint calibration possible (instrument dependent)
- Appropriate ready-to-use calibrators and controls are available

| Intra-assay precision | Mean [mg/L] | CV [%] |
|-----------------------|-------------|--------|
| Sample 1 | 1.81 | 2.98 |
| Sample 2 | 7.30 | 1.10 |
| Sample 3 | 22.3 | 0.85 |
| Inter-assay precision | Mean [mg/L] | CV [%] |
| Sample 1 | 7.45 | 1.94 |
| Sample 2 | 22.5 | 1.31 |
| Sample 3 | 43.8 | 1.44 |



CRP FS – The Economic Alternative

Order Information CRP FS

CRP FS 1 7002 ...

DiaSys offers reagent kits for manual use, for use on DiaSys respons[®]*, BioMajesty[®] JCA-BM6010/C* and for use on other automated systems like Hitachi 911* and Hitachi 917* as well as Vitalab Selectra.

Detailed information is available on our website or in our product catalogue.

Calibrators

| | | |
|-----------------|----------|----------------------------------|
| 17000 99 10 039 | 5 x 2 mL | TruCal CRP (Five levels) |
| 17000 99 10 037 | 3 x 2 mL | TruCal CRP high (One high level) |

Controls

| | | |
|------------------|----------|------------------------|
| 5 9600 99 10 045 | 3 x 2 mL | TruLab CRP Level 1 |
| 5 9610 99 10 045 | 3 x 2 mL | TruLab CRP Level 2 |
| 5 9500 99 10 046 | 3 x 1 mL | TruLab Protein Level 1 |
| 5 9510 99 10 046 | 3 x 1 mL | TruLab Protein Level 2 |

* Full barcode

Leading technology in fluid-stable reagents from DiaSys

- Global player in clinical chemistry tests with recognized R&D department
- Quality products made in Germany
- High quality raw materials from traceable origin
- Processes and resources certified according to ISO 13485, ISO 9001 and full-filling highest internal quality standards
- Sustainable processes and products preserve the environment
- High performance ready-to-use reagents with minimized interferences, long shelf life, on-board stability and traceability to international references
- Perfectly matched fluid-stable reagents, calibrators and controls
- Premium service supply in technics, applications and after sales

CHOOSING QUALITY.



Climate-neutral print
(Carbon neutral)

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