



## PLASMA PROTEIN CONTROLS

JTC Lyophilized Plasma Protein Controls are intended for monitoring the performance and precision of Plasma Protein Panel testing kits. The product sheets include target values and ranges tailored to various instruments and methods.

The JTC Plasma Protein controls consist of two panels: the Stripped Panel and the Expanded Panel. Each panel contains two different-level products, each with varying levels derived from human serum.

Strip Panel Parameters:

Albumin, ASO, Beta-2 Microglobulin, CRP, IgA, IgG, IgM and RF

Expanded Panel Parameters:

Albumin, Alpha Feto Protein, Alpha-1 Antitrypsin, Alpha 1 Acid Glycoprotein, ASO, Beta-2 Microglobulin, C3, C4, Ceruloplasmin, CRP, Ferritin, Haptoglobin, IgA, IgG, IgM, Kappa Light Chain, Lambda Light Chain, Free Lambda Light Chain, Prealbumin, Retinol Binding Protein, RF and Transferrin

### Order Information

Product Name	Matrix	Filling Volume	Reference Code	Shelf
Plasma Protein Control Level 1 Plasma Protein Control Level 2 (Stripped Panel)	Human Serum	2 mL	HS201-031-1 HS201-031-2	24 months
Plasma Protein Control Level 1 Plasma Protein Control Level 2 (Expanded Panel)	Human Serum	2 mL	HS201-032-1 HS201-032-2	24 months

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## Benefits



### High commutability by 100 % human serum matrix

Assay/Platform	Control Level 1 (n=30; Within Run)	Control Level 2 (n=30; Within run)
Roche Integra 400	ASO: 122 ± 2.2 CRP: 18.6 ± 0.8 RF: 22.0 ± 1.1	ASO: 247 ± 2.9 CRP: 39,5 ± 1.3 RF: 42.4 ± 1.5
Beckman AU480	ASO: 119 ± 2.9 CRP: 19.3 ± 0.9 RF: 22.6 ± 0.9	ASO: 245 ± 3.2 CRP: 40,5 ± 1.2 RF: 43.5 ± 1.7

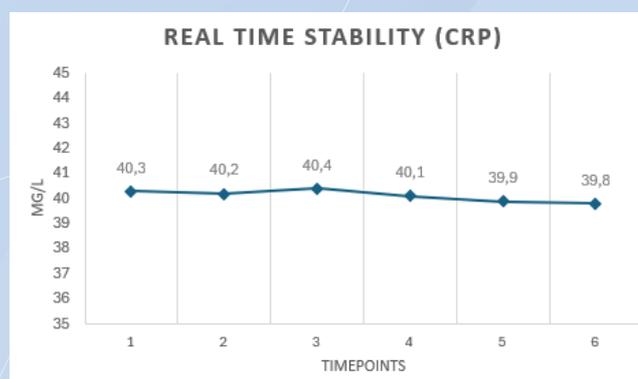
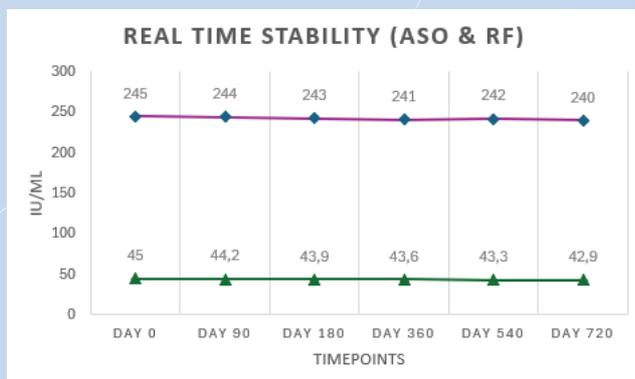
Comparison between different test systems for ASO, CRP and RF in JTC Serum Protein Controls. For calibration, original calibrator of each test system was used.



### Excellent analyte stability

Time points for ASO, CRP and RF stabilities of Level 2 Control represent the weeks after manufacturing.

Recommended shelf life is 24 months at +2–8°C for JTC Plasma Protein controls.



### Clinically Relevant Levels

To assess assay performance in relation to the assay range and critical values that hold importance for clinical decision-making.



### Tailor-made products

According to your requirements:

- Different filling volumes,
- Lyophilized matrix form,
- Adjustable target values and levels for calibrator and controls
- Can be used for Internal and External Quality Assessment

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