



# SPECIFIC PROTEIN CONTROLS & CALIBRATORS



Fortress  
Diagnostics

## Specific Protein Controls & Calibrators

**Protein calibrators are reference materials used in protein quantification assays to establish a standard curve and calibrate the assay for accurate measurement of protein concentrations in samples.**

Protein controls are indispensable in protein analysis, ensuring that assays yield reliable and reproducible results. They play a critical role in validating methods, troubleshooting issues, and maintaining the overall quality of laboratory practices. Proper selection and use of protein controls contribute significantly to the accuracy and reliability of scientific research and diagnostic testing. Fortress calibrators contain known concentrations of the target protein of interest and are used to generate a calibration curve that relates the signal intensity (e.g., absorbance, fluorescence, luminescence) to protein concentration.

### Why Choose Fortress Protein Controls?



**Available as OBL/OEM in bulk (1000ml):** Benefits include cost savings, assured quality, regulatory compliance, and market flexibility.



**0.2µ filtered:** Helps remove particulate contaminants and potential microbial contaminants, leading to more accurate and reproducible outcomes in various assays.



**Liquid stable and ready to use:** Eliminates preparation errors, reduces contamination risks, and streamlines laboratory workflows.



**Shelf life (unopened) of 2 years:** Ideal choice for various applications, from clinical diagnostics to pharmaceutical research and environmental testing.



**Custom levels tailored to specific requirements available:** Adaptable to perfectly suit unique experimental conditions, analytical needs, and regulatory standards.



**Defibrinated human plasma:** Improved stability, high quality, and enhanced assay performance.

### Analytes

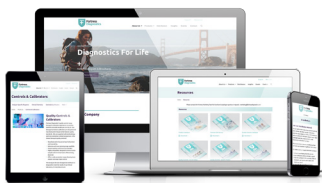
Analytes	Abbreviation	Method
Albumin	ALB	Beckman Coulter Olympus/Roche/Siemens Platforms
Alpha-1-Acid Glycoprotein	AAG	Beckman Coulter Olympus/Roche/Siemens Platforms
Alpha-1-Antitrypsin	AAT	Beckman Coulter Olympus/Roche/Siemens Platforms
Alpha-2-Macroglobulin	A2M	Beckman Coulter Olympus/Roche/Siemens Platforms
Antistreptolysin O	ASO	Beckman Coulter Olympus/Roche/Siemens Platforms
Alfafetoprotein	AFP	Beckman Coulter Olympus/Roche/Siemens Platforms
Antithrombin-III	AT-III	Beckman Coulter Olympus/Roche/Siemens Platforms
Beta-2-Microglobulin	B2M	Beckman Coulter Olympus/Roche/Siemens Platforms
C-Reactive Protein	CRP	Beckman Coulter Olympus/Roche/Siemens Platforms
C1 Esterase Inhibitor	C1E	Beckman Coulter Olympus/Roche/Siemens Platforms
C1q Inactivator	C1qi	Beckman Coulter Olympus/Roche/Siemens Platforms
Ceruloplasmin	CER	Beckman Coulter Olympus/Roche/Siemens Platforms
Complement C3	C3	Beckman Coulter Olympus/Roche/Siemens Platforms
Complement C4	C4	Beckman Coulter Olympus/Roche/Siemens Platforms
Ferritin	FER	Beckman Coulter Olympus/Roche/Siemens Platforms
Haptoglobin	HAP	Beckman Coulter Olympus/Roche/Siemens Platforms
Immunoglobulin A	IGA	Beckman Coulter Olympus/Roche/Siemens Platforms
Immunoglobulin E	IGE	Beckman Coulter Olympus/Roche/Siemens Platforms
Immunoglobulin G	IGG	Beckman Coulter Olympus/Roche/Siemens Platforms
Immunoglobulin M	IGM	Beckman Coulter Olympus/Roche/Siemens Platforms

Analytes	Abbreviation	Method
Kappa Light Chain	KAP	Beckman Coulter Olympus/Roche/Siemens Platforms
Lambda Light Chain	LAM	Beckman Coulter Olympus/Roche/Siemens Platforms
Prealbumin	PAB	Beckman Coulter Olympus/Roche/Siemens Platforms
Retinol Binding Protein	RBP	Beckman Coulter Olympus/Roche/Siemens Platforms
Rheumatoid Factor	RF	Beckman Coulter Olympus/Roche/Siemens Platforms
Transferrin	TRF	Beckman Coulter Olympus/Roche/Siemens Platforms
Human Free Kappa Light Chain	FKAP	Beckman Coulter Olympus/Roche/Siemens Platforms
Human Free Lambda Light Chain	FLAM	Beckman Coulter Olympus/Roche/Siemens Platforms
Total Protein	Biuret	Beckman Coulter Olympus/Roche/Siemens Platforms

## Ordering Information

Description	Format	Cat No.	Size	Storage
Protein Control (Level 1)	LS	BXC0641A	1 x 2 ml	2-8°C
Protein Control (Level 2)	LS	BXC0642A	1 x 2 ml	2-8°C
Protein Control (Level 3)	LS	BXC0643A	1 x 2 ml	2-8°C
Specific Protein Calibrator	LS	BXC0644A	1 x 2 ml	2-8°C
Specific Protein Calibrator Set	LS	BXC0646A	6 x 1 x 1 ml	2-8°C

## Find Out More



### Website

[fortressdiagnostics.com](http://fortressdiagnostics.com)

The Fortress Diagnostics website details our full product range, allowing users to add products of interest to a "Quote Request" which is sent directly to our sales team. We regularly post blogs, event information, resources and company updates.

## Quality Control Inserts Portal

[insert.fortressdiagnostics.com](http://insert.fortressdiagnostics.com)

Fortress Diagnostics are excited to launch the new Fortress QC Inserts Portal. The portal allows customers to easily search our database of quality control inserts by product name, catalogue number or batch number in our easy-to-use filter tool. Inserts can be viewed online or downloaded in PDF format.



### Brochures & Catalogues

[fortressdiagnostics.com/resources](http://fortressdiagnostics.com/resources)

All Fortress Diagnostics brochures and catalogues can be viewed and downloaded on the Fortress Resource Hub in PDF format.





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