



# 20

**SECTION 20**  
**SPECIALITY**  
**CONTROLS**

## Speciality Controls

Serum indices are crucial in diagnostics for providing valuable information about the concentrations of various substances in the blood, such as proteins, enzymes, and electrolytes, which are essential for evaluating overall health and diagnosing specific conditions. These indices, which often include measures like albumin, globulin, and total protein levels, help assess organ function, nutritional status, and the presence of inflammatory or pathological processes. By accurately measuring serum indices, healthcare providers can gain insights into a patient's health status, facilitating timely diagnosis and effective treatment planning.

The role of serum indices in diagnostics extends to maintaining quality assurance in laboratory practices, ensuring that test results are consistent and reliable across different assays and patient samples. Regularly utilising controls and standardised methods in serum index testing helps identify potential discrepancies, such as issues with reagents or instruments, thereby supporting accurate clinical decision-making. Overall, serum indices significantly enhance the quality of healthcare by providing essential diagnostic information that guides treatment strategies and improves patient outcomes.

The Fortress Serum Indices Controls are designed to monitor the ability of an instrument to accurately measure lipaemia, icterus and haemolysis (LIH) in specimens. The controls are 100% human serum based to negate matrix effects and are compatible with a variety of clinical chemistry analysers.



Lyophilised



Liquid Frozen



Liquid Stable



100% Human Serum



Assayed Target Values Provided

### Serum Indices (LIH)



- Available in lyophilised and liquid stable formats.
- 100% Human based
- Stable to expiry date at 2-8°C.
- Reconstituted stability of 14 days at 2-8 °C.
- 4 levels available.

#### Analytes

Lipemia	Icterus	Haemolysis
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Description	Details	Cat No.	Size
Serum Indices (LIH)	Lyophilised For Beckman Coulter Series	BXC0599F	3 x 4 x 5 ml
Serum Indices (LIH)	Lyophilised For Beckman Coulter Series	BXC0599E	4 x 5 ml
Serum Indices (LIH)	Lyophilised For Beckman Coulter Series	BXC0599D	4 x 5 ml
Serum Indices (LIH)	Lyophilised For Beckman Coulter Series	BXC0599C	4 x 5 ml
Serum Indices (LIH)	Lyophilised For Beckman Coulter Series	BXC0599B	4 x 5 ml
Serum Indices (LIH)	Lyophilised For Beckman Coulter Series	BXC0599A	4 x 1 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Beckman Coulter Series	BXC0600F	3 x 4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Beckman Coulter Series	BXC0600E	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Beckman Coulter Series	BXC0600D	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Beckman Coulter Series	BXC0600C	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Beckman Coulter Series	BXC0600B	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Beckman Coulter Series	BXC0600A	4 x 1 x 5 ml
Serum Indices (LIH)	Lyophilised for Roche Series	BXC0604F	3 x 4 x 5 ml
Serum Indices (LIH)	Lyophilised for Roche Series	BXC0604E	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Roche Series	BXC0604D	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Roche Series	BXC0604C	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Roche Series	BXC0604B	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Roche Series	BXC0604A	4 x 1 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Roche Series	BXC0605F	3 x 4 x 5 ml

Description	Details	Cat No.	Size
Serum Indices (LIH)	Liquid Frozen For Roche Series	BXC0605E	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Roche Series	BXC0605D	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Roche Series	BXC0605C	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Roche Series	BXC0605B	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Roche Series	BXC0605A	4 x 1 x 5 ml
Serum Indices (LIH)	Lyophilised for Abbott Series	BXC0606F	3 x 4 x 5 ml
Serum Indices (LIH)	Lyophilised for Abbott Series	BXC0606E	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Abbott Series	BXC0606D	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Abbott Series	BXC0606C	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Abbott Series	BXC0606B	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Abbott Series	BXC0606A	4 x 1 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Abbott Series	BXC0607F	3 x 4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Abbott Series	BXC0607E	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Abbott Series	BXC0607D	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Abbott Series	BXC0607C	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Abbott Series	BXC0607B	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Abbott Series	BXC0607A	4 x 1 x 5 ml
Serum Indices (LIH)	Lyophilised for Vitros Series	BXC0608F	3 x 4 x 5 ml
Serum Indices (LIH)	Lyophilised for Vitros Series	BXC0608E	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Vitros Series	BXC0608D	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Vitros Series	BXC0608C	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Vitros Series	BXC0608B	4 x 5 ml
Serum Indices (LIH)	Lyophilised for Vitros Series	BXC0608A	4 x 1 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Vitros Series	BXC0609F	3 x 4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Vitros Series	BXC0609E	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Vitros Series	BXC0609D	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Vitros Series	BXC0609C	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Vitros Series	BXC0609B	4 x 5 ml
Serum Indices (LIH)	Liquid Frozen For Vitros Series	BXC0609A	4 x 1 x 5 ml

