

# Tryptase

Accreditation Status:	UKAS Schedule of Accreditation												
Date Scheme started:	2010												
Clinical Applicability:	The serum tryptase concentration reflects both the clinical severity of the allergic reaction and the reaction mechanisms. Serum tryptase can also be utilised for determining suspected mastocytosis and suspected acute allergic reactions (SER/040)												
Analytes:	Tryptase												
Units for Reporting:	Quantitative responses (µg/L)												
Samples Distributed:	Liquid format. Normal and pathological human serum												
Number of Distributions per year:	6												
Number of Samples per Distribution:	2												
Frequency of Distributions:	Every two months as outlined in the Distribution Schedule												
Schedule of Analysis:	Data entry is via the web for the submission of results. Data analysis is commenced 21 days after sample dispatch. Late returns are accepted and will contribute to the laboratory's cumulative performance statistics												
Data Analysis:	All Laboratory Trimmed Mean (ALTM) with truncation at 2SD, SD and CV%. Reports show method specific statistics. Individual laboratory performance is expressed in terms of MRBIS, SDBIS and MRVIS  Chosen Coefficient of Variation for Tryptase is 8%												
Performance Scoring:	MRVIS												
Criteria of Performance:	Laboratory performance is classified in terms of the MRVIS over a running analytical window of 6 Distributions (12 months)  <table><tr><td>Ideal</td><td>MRVIS</td><td>&lt;50</td></tr><tr><td>Good</td><td></td><td>50-100</td></tr><tr><td>Adequate</td><td></td><td>101-200</td></tr><tr><td>Poor</td><td></td><td>&gt;200 or SDBIS &gt;200</td></tr></table>	Ideal	MRVIS	<50	Good		50-100	Adequate		101-200	Poor		>200 or SDBIS >200
Ideal	MRVIS	<50											
Good		50-100											
Adequate		101-200											
Poor		>200 or SDBIS >200											
Persistent Poor Performance:	Defined as being in the Poor Performance category for two or more successive Distributions												