

Edition No. 08	ST. LUKE'S HOSPITAL	Doc No: LI-BIO-007
Date of Issue: 26/08/2022	Date of Revision: 26/08/2024	Authorised By: SO'K

Haemolysis Indices

Purpose: The purpose of this document is to aid the validator and authoriser in procedures associated with haemolysed samples.

H Index	Haemolysis Values (g/L Hb)	Assays deleted	Comments Applied
1	0.30 - 0.61	LDH	Sample slightly haemolysed.* Sample unsuitable for LDH analysis.*
2	0.62 - 1.25	LDH AST	Sample slightly haemolysed, unsuitable for AST/LDH. May over-estimate K+.
3	1.26 - 2.59	Amylase AST LDH Total protein Globulins K+ Phosphate	Sample haemolysed, unsuitable for full analysis.
4	2.60 - 5.00	Amylase AST GGT LDH Total protein Globulins K+ Phosphate	Sample haemolysed, unsuitable for full analysis.
		Lactate [▲]	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
5	5.01 - 10.00	Amylase AST GGT LDH Total protein Globulins K+ Phosphate	Sample haemolysed. Please repeat for tests affected.
		Lactate [▲]	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
		HsTroponin I	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
		Total β hCG	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
	>10.01	All	Sample grossly haemolysed unsuitable for analysis. Please repeat.

Procedural Notes:

- Tests and comments in white are automatically deleted/input upon selection of appropriate H Index in LIS.
- Tests in grey must be manually deleted and replaced by *. Comments in grey must be manually input and are available as dropdown comments in LIS.
- H index should only be ticked where sample results are impacted by that level of haemolysis.

* Comments not necessary for samples where LDH is not requested