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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 (Hb g/L)	Assays deleted	Comments Applied
1	0.30 - 0.61	AST2 LDH2	Sample slightly haemolysed* Sample unsuitable for full analysis*
2	0.62 - 1.25	AST2 LDH2	Sample slightly haemolysed. Sample unsuitable for full analysis* May over-estimate K+.
3	1.26 - 2.59	AST2 LDH2 TP TP2 Globulin K+ Phosphate Phos2	Sample haemolysed, unsuitable for full analysis.
		Lactate	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
4	2.60 - 5.00	ALT2 AST2 ALP2 GGT2 LDH2 TP TP2 Globulin K+ Phosphate Phos2	Sample haemolysed, unsuitable for full analysis.
		Lactate	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
5	5.01 - 10.00	AlbBCG2 ALT2 AST2 ALP2 GGT2 LDH2 TP TP2 Globulin K+ Phosphate Phos2	Sample haemolysed, unsuitable for full analysis.
		Lactate	*Sample haemolysed, unsuitable for analysis. Please repeat for affected tests
		HsTroponin I	
		Total β hCG	
	>10.01	All	*Sample grossly haemolysed unsuitable for analysis. Please repeat.

Procedural Notes:

- Tests and comments in **GREEN** 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 AST2 and LDH2 are not requested