



**MAYO UNIVERSITY HOSPITAL PATHOLOGY LABORATORY  
HAEMATOLOGY**

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H/LI/009

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8

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### Critical Alerts Values for Phoning in Haematology

The following criteria are for first presentation only unless otherwise indicated

Parameter	Result	Comments	Urgency
<b>Haematology</b>			
<b>HB</b>	<8 g/dl		B
	<12g/dL	For neonate (0-4weeks)	B
<b>Platelets</b>	<50x10 <sup>9</sup> /L	With film check	B
<b>WBC</b>	>30.0 x10 <sup>9</sup> /L		A
<b>Neutrophils</b>	<1.0x10 <sup>9</sup> /L		A
<b>IM Screen</b>	All Positives		B
<b>Sickle Screen</b>	Positives	When the patient is going to theatre or has a high likelihood of going to theatre	B
<b>Malaria</b>	All Positives	Provide parasitaemia count if P.falciparum is detected	A
<b>Coagulation</b>			
<b>I.N.R.</b>	> 5.0		A
<b>P.T.</b>	> 25 secs	Not on anticoagulants	B
<b>APTT ratio</b>	> 4.0		A
<b>APTT</b>	> 45 secs	Not on anticoagulants	B
<b>Fibrinogen</b>	<1.0 g/l	All	A
<b>Miscellaneous</b>			
<b>Blood Films</b>	<ul style="list-style-type: none"> <li>• Low Platelet Count Review</li> <li>• The presence of Schistocytes with a falling or low Platelet Count.</li> <li>• Platelet clumping seen on Blood Films with a suspicion of Low Platelet Count to obtain urgent repeat sample.</li> <li>• Presence of blasts</li> </ul>		A
In addition to the above <b>all requests for telephoned results</b> are responded to as soon as possible.			B

*Urgency Category A: results communicated within 2 hours.*

*Urgency Category B: results communicated within 24 hours, preferably on the same working day.*

The critical alert values are only applicable to the first presentation of the results. The urgency category sets a limit on the expected time frame for the results to be communicated.

**RECORD THE DETAILS OF THE COMMUNICATION OR PHONING OF RESULTS AS DETAILED IN THE PROCEDURE "PROCEDURE FOR THE REVIEW AND RELEASE OF REPORTS TO USERS" (H/LP/027)**

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