

0040003

CBC with Platelet Count and Automated Differential

CBCAD



Time Sensitive

**Specimen Required:** Collect: Lavender (EDTA) AND unstained whole blood smears.

**Specimen Preparation:** Transport 3 mL whole blood AND 2 unstained whole blood smears. (Min: 0.5 mL. Tube must contain at least 0.25 mL of specimen AND two unstained blood smears.)

**Storage/Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Frozen specimens. Clotted or grossly hemolyzed specimens.

**Stability (collection to initiation of testing):** Ambient: 24 hours (without smears); Refrigerated: 48 hours; Frozen: Unacceptable

**Reference Interval:** Effective March 1, 2021

Test Number	Components	Reference Interval																																							
0040080	Hematocrit	Effective May 16, 2016																																							
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0040085	Hemoglobin	Effective May 16, 2016																																							
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0040270	Red Blood Cell Count	Effective May 16, 2016																																							
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	RDW	11.5-15.3%																																							
	MPV	8.6-12.3 fL																																							
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HOTLINE: Effective March 1, 2021

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0040235	Platelets	Effective May 16, 2016 159-439 K/ $\mu$ L																																							
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Age	0-6 days	7-29 days	30-60 days	61-120 days	4 months and older																																				
%	0-9%	0-12%	0-10%	0-9%	4.1-12.4%																																				
	Lymphocytes Number	<table border="1"> <tr> <th>Age</th> <th>0-6 days</th> <th>7 days-11 months</th> <th>1-5 years</th> <th>6-13 years</th> <th>14-17 years</th> <th>18 years and older</th> </tr> <tr> <td>K/<math>\mu</math>L</td> <td>2.0-11.0</td> <td>2-17.0</td> <td>4-10.5</td> <td>1.5-7.0</td> <td>1.2-5.8</td> <td>1.3-3.6</td> </tr> </table>	Age	0-6 days	7 days-11 months	1-5 years	6-13 years	14-17 years	18 years and older	K/ $\mu$ L	2.0-11.0	2-17.0	4-10.5	1.5-7.0	1.2-5.8	1.3-3.6																									
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	Lymphocytes Percentage	<table border="1"> <tr> <th>Age</th> <th>0-6 days</th> <th>7-13 days</th> <th>14-29 days</th> <th>30-60 days</th> <th>61-90 days</th> <th>91-180 days</th> <th>6-7 months</th> <th>8-9 months</th> <th>10-11 months</th> </tr> <tr> <td>%</td> <td>26-36</td> <td>36-46</td> <td>43-53</td> <td>41-71</td> <td>42-72</td> <td>44-74</td> <td>46-76</td> <td>47-77</td> <td>48-78</td> </tr> </table>	Age	0-6 days	7-13 days	14-29 days	30-60 days	61-90 days	91-180 days	6-7 months	8-9 months	10-11 months	%	26-36	36-46	43-53	41-71	42-72	44-74	46-76	47-77	48-78																			
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%	26-36	36-46	43-53	41-71	42-72	44-74	46-76	47-77	48-78																																

HOTLINE: Effective March 1, 2021

		Age	12-23 months	2-3 years	4-5 years	6-7 years	8-9 years	10-13 years	14-15 years	16-17 years	18 years and older	
		%	46-76	44-74	35-65	27-57	24-54	28-48	27-47	25-45	17.6-49.6	
	Nucleated Red Blood Cells %	0-3 days: 0.1-8.3% 4 days and older: 0%										
	Nucleated Red Blood Cell #	0-3 days: 0-1.3 K/ $\mu$ L 4 days and older: 0 K/ $\mu$ L										
	Immature Granulocytes %											
		Age	0-2 days	3-90 days	91-180 days	6-23 months	2-5 years	6-17 years	18 years and older			
		%	0.7-7.8	0.4-5.3	0.1-0.7	0.1-1.2	0.1-1.1	0.1-0.5	0.2-0.9			
	Immature Granulocytes #											
		Age	0-2 days	3-90 days	91-180 days	6-23 months	2-5 years	6-11 years	12-17 years	18 years and older		
		K/ $\mu$ L	0.08-1.68	0.03-0.71	0.02-0.09	0.02-0.18	0.02-0.09	0.02-0.06	0.02-0.05	0.01-0.09		

**HOTLINE NOTE:** There is a clinically significant charting name change associated with this test.

Change the charting name for component 0040070, Granulocyte # from Granulocyte # to **Total Neutrophil Number**.

Change the charting name for component 0040075, Granulocyte % from Granulocyte % to **Total Neutrophil Percent**.