

Name: \_\_\_\_\_ MRN: \_\_\_\_\_ DOB: \_\_\_\_\_

Location: \_\_\_\_\_ Provider: \_\_\_\_\_ Downtime #: \_\_\_\_\_

Collection Date: \_\_\_\_\_ Collection Time: \_\_\_\_\_

Performing Laboratory Location (circle): CRH FOX FOXCARE FTT HLS LFH MIBH OCH

**Heme Profile (CBC)** **Differential Results** [circle diff type] **performed: Automated Manual]**

White Blood Cell	____.____	x 10 <sup>3</sup> cells / uL	Seg %	____.____	Bands % ____.
Red Blood Cell	____.____	x 10 <sup>6</sup> cells / uL	Lymphs %	____.____	Meta % ____.
Hemoglobin	____.____	g / dL	Mono %	____.____	Myelo % ____.
Hematocrit	____.____	%	Eos %	____.____	Pro % ____.
Platelet	_____	x 10 <sup>3</sup> cells / uL	Baso %	____.____	Other % ____.
IPF%	____.	%	Imm Gran %	____.____	NRBC's% ____.
IPF#	____.	x 10 <sup>3</sup> cells / uL	Reticulocytes	____.____	%
RET-He	____.	pg	IRF	____.____	%

**\*\*See page 2 for reference ranges for all heme profile tests\*\*** RBC morphology \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_ Performing Technologist \_\_\_\_\_

**Coagulation**

**Reference Range**

Protime	____.____	seconds	<i>General pop: 10.1-13.2 sec</i>
INR	____.____		<i>General pop: 0.9 – 1.1, Routine anticoagulation 2.0 – 3.0, Mechanical valves: 2.5 – 3.5</i>
APTT	____.____	seconds	<i>General pop: 27.1 – 39.1 sec, Heparin Therapy 0.3 – 0.7 U/ML: 59.6 – 82.3 secs</i>
Dimer	_____	ng / ml	<i>General pop: 215 – 499 ng/ml FEU, (Cut off for DVT rule out: 500 ng/ml)</i>
FBG	_____	mg / dL	<i>164 – 522 mg/dL</i>

Date \_\_\_\_\_ Time \_\_\_\_\_ Performing Technologist \_\_\_\_\_

Other Tests: ESR \_\_\_\_\_ mm/hr Automated Manual (circle method) See page 2 for reference ranges  
 MONO \_\_\_\_\_ *negative*

Date \_\_\_\_\_ Time \_\_\_\_\_ Performing Technologist \_\_\_\_\_

Called / Faxed To: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ by \_\_\_\_\_

Performing locations:

- CRH Cobleskill Regional Hospital 178 Grandview Drive, Cobleskill, NY 12043
- Fox Latcher Laboratory of AO FOX Hospital One Norton Avenue, Oneonta, NY 13820
- Foxcare Foxcare Outpatient Testing Lab 5432 St Hwy 7E, Oneonta, NY 13820
- FTT AO Fox Tri Town Campus Laboratory 43 Pearl Street West, Sidney, NY 13838

- Dr. John M. Fisk, Director
- Dr. Daniel Schreiber, Director
- Dr. Daniel Schreiber, Director
- Dr. John M. Fisk, Director

HLS MIBH Herkimer Laboratory 321 East Albany Street, Herkimer, NY 13350  
 LFH Little Falls Hospital Lab 140 Burwell Road, Little Falls, NY 13365  
 MIB Mary Imogene Bassett Hospital Lab One Atwell Road, Cooperstown, NY 13326  
 OCH OConnor Hospital Lab 460 Andes Road, Delhi, NY 13753

Dr. Timothy Chapman, Director  
 Dr. Timothy Chapman, Director  
 Dr. Timothy Chapman Director  
 Dr. John M. Fisk, Director

Tech Spec Review \_\_\_\_\_

**General Hematology Reference Ranges v 01/24/2022**

CBC		Differential	
Parameter	Reference Range	Parameter	Reference Range
<b>WBC</b>	x10 <sup>3</sup> cells/ $\mu$ L	<b>Neutrophil</b>	% #
Newborn - 1M	9.0-30.0	Newborn - 1M	32.0 - 62.0 1600 - 6115
1 M - 5M	5.0-19.5	1 M - 5M	15.0 - 35.0 750 - 3452
5 M - 2Y	6.0-17.5	5 M - 2Y	13.0 - 33.0 650 - 3255
2Y - 6Y	5.0-15.5	2Y - 6Y	15.0 - 35.0 750 - 3452
6Y - 12Y	4.5-13.5	6Y - 12Y	32.0 - 54.0 1600 - 5326
>12 Y	3.7-10.6	>12 Y	40.0 - 70.0 1500 - 7400
<b>RBC</b>	x10 <sup>6</sup> cells/ $\mu$ L	<b>Band</b>	%
<12 Y-Female	4.10-5.10	Newborn - 1M	10.0 - 18.0
<12 Y-Male	4.50-5.90	1 M - 5M	7.0 - 13.0
>12 Y-Female	3.70-5.10	5 M - 2Y	6.0 - 12.0
>12 Y-Male	3.70-5.90	2Y - 12Y	5.0 - 11.0
		>12Y	0.0 - 8.0
<b>HGB</b>	g/dL	<b>Lymphocyte</b>	% #
Newborn - 1M	13.0-19.0	Newborn - 1M	26.0 - 36.0 1235 - 2864
1 M - 5M	11.0-17.0	1 M - 5M	41.0 - 71.0 1948 - 5648
5 M - 2Y	11.0-14.0	5 M - 2Y	46.0 - 76.0 2185 - 6045
2Y - 6Y	11.0-13.0	2Y - 6Y	44.0 - 74.0 2090 - 5886
6Y - 12Y	11.0-15.0	6Y - 12Y	27.0 - 57.0 1283 - 4534
>12 Y-Female	11.5-15.5	>12Y	12.0 - 50.0 950 - 3500
>12 Y-Male	11.5-18.0		
<b>HCT</b>	%	<b>Monocyte</b>	% #
Newborn - 1M	42.0-60.0	Newborn - 1M	1.0 - 11.0 75 - 862
1 M - 5M	33.0-55.0	1 M - 5M	2.0 - 12.0 150 - 940
5 M - 2Y	31.0-41.0	5 M - 12Y	0.0 - 10.0 0 - 783
2Y - 6Y	34.0-40.0	>12Y	2.0 - 14.0 150 - 940
6Y - 12Y	35.0-45.0		
>12 Y-Female	34.0-46.0	<b>Reactive Lymphocyte</b>	
>12 Y-Male	35.0-50.0	All Population	0.0-6.0
<b>MCV</b>	fL		
Newborn - 1M	98.0-118.0	<b>Eosinophil</b>	% #
1 M - 5M	91.0-111.0	Newborn - 12Y	0.0 - 7.0 0 - 642
5 M - 2Y	68.0-84.0	>12Y	0.0 - 6.0 0 - 550
2Y - 6Y	75.0-87.0		
6Y - 12Y	77.0-95.0	<b>Basophil</b>	% #
>12Y	81.0-99.0	All populations	0.0 - 3.0 0 - 175
<b>MCH</b>	pg	<b>Immature Granulocytes (IG)</b>	0.0-3.0 0 - 150
Newborn-1M	27.0-33.0	<b>Blasts</b>	0.0 0
>1M	27.0-33.5	<b>NRBC</b>	0.0 0
<b>MCHC</b>	g/dL		
Newborn-1M	32.0-35.0	<b>Reticulocyte</b>	% # (x10 <sup>9</sup> )
>1M	31.5-35.5	Newborn - 1M	3.0 - 7.0 0.12 - 0.41
<b>RDW-SD</b>	37.3-49.0 fL	1M - 5M	0.1 - 1.7 0.00 - 0.12
<b>PLT</b>	x 10 <sup>3</sup> cells/ $\mu$ L	5M - 2Y	0.7 - 2.3 0.04 - 0.12
0-12Y	140-350	2Y - 12Y	0.5 - 1.0 0.04 - 0.06
>12Y	140-425	>12Y	0.6-2.3 0.04-0.12
<b>MPV</b>	8.0 - 12.0 fL	<b>Reticulocyte Hemoglobin Equivalent</b>	30.8-36.6 pg
<b>IPF%</b>	1.2-8.6%	<b>Immature Reticulocyte Fraction</b>	2.3-15.9 %
<b>IPF #</b>	3.6-20x10 <sup>3</sup> cells/uL		
<b>Population</b>		<b>Units</b>	<b>Reference Range</b>
ESR-Automated Male and Female $\leq$ 50 years old		mm/hr	$\leq$ 15
ESR-Automated Male and Female > 50 years old		mm/hr	$\leq$ 30
<b>ESR-MANUAL METHOD</b>			
Male $\leq$ 50 years old		mm/hr	$\leq$ 15
Female $\leq$ 50 years old		mm/hr	$\leq$ 20
Male > 50 years old		mm/hr	$\leq$ 20
Female > 50 years old		mm/hr	$\leq$ 30