
RBC INDICES

Specimen Requirements: 1 lavender top tube and 2 unstained blood smears.
See "Specimen Handling- Hematology Specimens".

Reference Range:

MCV	80 - 100 fL
MCH	28 - 33 pg
MCHC	32 - 36 gm/dL
RBC	Male 4.33 - 6.20 x 10 ⁶ /uL
	Female 3.78 - 5.40 x 10 ⁶ /uL

Report Time: 24 Hours

Day(s) Set Up: Monday through Sunday

CPT Code(s): 85041

RBC MORPHOLOGY (smear for spherocytes)

Specimen Requirements: Submit 2 unstained slides at the original EDTA sample with a copy of pertinent Hematology data. Include most recent CBC with instrument printout.*
CBC data is required. If not sent, a CBC will be run and reported.

* If a pathologist's interpretation is requested, please order Peripheral Smear Consult.

Reference Range: Normochromic / Normocytic RBCs.

Report Time: 48 Hours

Day(s) Set Up: Monday through Sunday

CPT Code(s): 85008

REDUCING SUBSTANCES FECES / URINE

Specimen Requirements: Approximately 2 gm (about the size of a walnut) of a random stool specimen.

2 mls - Urine

Reference Range: 0 to Trace

Report Time: 24 Hours

Day(s) Set Up: Monday through Sunday

CPT Code(s): 81002

RENAL FUNCTION PANEL

Includes: Sodium, Potassium, Chloride, CO₂, Glucose, BUN, Creatinine, Albumin, Calcium, and Phosphorus, also includes eGFR (estimated Glomerular Filtration Rate)

Specimen Requirements: 1.0 mL plasma (green or PST). Fasting preferred.
Avoid exposure to light. Avoid hemolysis.

Reference Range: Sodium 136 – 145 mmol/L

Potassium	3.5 – 5.1	mmol/L	
Chloride	98 – 107	mmol/L	
CO ₂	22 – 31	mmol/L	
Glucose	70 – 99	mg/dL	
BUN	9 – 20	mg/dL (M)	7 – 17 mg/dL (F)
Creatinine	0.8 - 1.5	mg/dL (M)	0.7-1.2 mg/dL (M)
Albumin	3.6 - 5.1	g/dL	
Calcium	8.6 - 10.2	mg/dL	
Phosphorus	2.2 - 4.3	mg/dL	
GFR	>60 ml/min/1.73 m ²		≥ 18years

Refer to addendum #5 for additional reference ranges.

Report Time: 24 Hours
Day(s) Set Up: Monday through Sunday
CPT Code(s): 80069

RETICULOCYTE COUNT

Specimen Requirements: 1 lavender top tube. **Refrigerate. Specimen needs to arrive within 72 hours of collection.**
 See "Specimen Handling-Hematology Specimens".

Reference Range: Adults 0.5 - 1.7%
Report Time: 24 Hours
Day(s) Set Up: Monday through Sunday
CPT Code(s): 85045

RH PHENOTYPING

Specimen Requirements: 1 pink top tube
Reference Range: Not applicable
Report Time: 24 Hours
Day(s) Set Up: Monday through Sunday
CPT Code(s): 86906

RHEUMATOID FACTOR SCREEN (RA)

Specimen Requirements: 0.5 mL serum (red or SST).
Reference Range: Negative < 1:20
 If Positive, a titer is added.
Report Time: 24 - 72 Hours
Day(s) Set Up: Monday, Wednesday, and Friday
CPT Code(s): Screen 86430
 Titer 86431

RHEUMATOID FACTOR SCREEN FLUID (RA FLUID)

If positive, a titer as added.

Specimen Requirements: 0.5 mL fluid in red top tube.
Reference Range: No normals established.
Report Time: 24 - 72 Hours
Day(s) Set Up: Monday, Wednesday, and Friday
CPT Code(s): Screen 86430
Titer 86431

ROTAVIRUS ANTIGEN

Specimen Requirements: 1 mL liquid stool or pea-sized portion of firm stool collected within 8 days of symptom onset. Collect in sterile container. Do not add transport media. Refrigerate until pickup.
Reference Range: Negative
Report Time: 3 hours M-F 7 a.m. - 2:30 p.m.
Day(s) Set Up: Monday through Friday
Positives will be called.
CPT Code: 87425

RPR

Includes Confirmatory Test By State Lab, if Reactive

Specimen Requirements: 0.5 mL serum (red or SST). Grossly hemolyzed and lipemic specimens not acceptable.
Reference Range: Non-Reactive
Report Time: 48 - 72 Hours
Day(s) Set Up: Monday, Wednesday, Friday
CPT Code(s): 86592

RUBELLA IGG ANTIBODY SCREEN (Rubella Immune Status)

Specimen Requirements: 1 mL serum (red or SST). Avoid hemolysis, lipemic, icteric specimens.
Reference Range: Reported as Negative, Equivocal, or Positive
Positive IgG antibody detected.
Report Time: 48 - 72 Hours
Day(s) Set Up: Wednesday, Friday
CPT Codes(s): 86762

RUBEOLA IGG ANTIBODY SCREEN (Rubeola Immune Status)

Specimen Requirements: 1 mL serum (red or SST). Avoid hemolysis, lipemic, icteric specimens.

Reference Range: Reported as Negative, Equivocal, or Positive
Positive IgG antibody detected.

Report Time: 48 - 72 Hours

Day(s) Set Up: Wednesday and Friday

CPT Code(s): 86765