

Lab Results

Complete Metabolic Profile (CMP)		
SODIUM, PLASMA OR SERUM	136 - 149 mEq/L	140
POTASSIUM, PLASMA OR SERUM	3.9 - 5.9 mEq/L	4.3
CHLORIDE, PLASMA OR SERUM	98 - 108 mEq/L	100
CARBON DIOXIDE (CO2), PLASMA OR SERUM	24.0 - 30.0 mEq/L	28.7
GLUCOSE, PLASMA	60 - 110 mg/dL	85
BLOOD UREA NITROGEN (BUN), PLASMA OR SERUM	5.0 - 18.0 MG/DL	14
CREATININE, PLASMA OR SERUM	0.35 - 1.24 mg/dL	0.76
CALCIUM, TOTAL, PLASMA OR SERUM	8.6 - 11.0 mg/dL	9.3
PROTEIN, TOTAL, PLASMA OR SERUM	6.4 - 8.3 g/dL	6.2 (L)
ALBUMIN, PLASMA OR SERUM	3.6 - 4.7 g/dL	4.4
BILIRUBIN, TOTAL, PLASMA OR SERUM	0.2 - 1.2 mg/dL	0.7
ALKALINE PHOSPHATASE, PLASMA OR SERUM	69 - 318 IU/L	76
ALANINE AMINOTRANSFERASE (ALT) (GPT), PLASMA OR SERUM	2 - 30 IU/L	17
ASPARTATE AMINOTRANSFERASE (AST)(GOT), PLASMA OR SERUM	18 - 57 IU/L	20

Complete Blood Count w/ Differential (CBC w/ Diff)					
WHITE BLOOD CELLS	4.5 - 11.0 thou/uL	4.76			
RED BLOOD CELL COUNT	4.00 - 5.20 mil/uL	4.58			
HEMOGLOBIN, BLOOD	12.0 - 16.0 g/dL	14.7			
HEMATOCRIT, BLOOD	36 - 46 %	44.7			
MCV	80 - 100 fL	97.4			
PLATELETS, BLOOD	150 - 450 thou/uL	179			
MEAN PLATELET VOLUME	7.4 - 10.4 fL	10.2			
NEUTROPHILS, ABSOLUTE	1.62 - 9.46 thou/uL	3.320	NEUTROPHILS	36 - 66 %	69.8 (H)
LYMPHOCYTES, ABSOLUTE	0.9 - 6.05 thou/uL	0.940	LYMPHOCYTES	20 - 55 %	19.7 (L)
MONOCYTES, ABSOLUTE	0.135 - 1.1 thou/uL	0.310	MONOCYTES	3 - 10 %	6.5
EOSINOPHILS, ABSOLUTE	0.0 - 0.66 thou/uL	0.140	EOSINOPHILS	0 - 6 %	3.0
BASOPHILS, ABSOLUTE	0.0 - 0.22 thou/uL	0.050	BASOPHILS	0 - 2 %	1.0

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B and T cell Flow Cytometry

%CD3+ (PAN T-CELLS)	52-92%	85%
Absolute CD3	850-4300 cells/ μ L	3400
%CD3+CD4+ (T-HELPER CELL)	25-66%	35%
Absolute CD4	500-2700 cells/ μ L	1400
%CD3+CD8+ (T-SUPP. CELLS)	9-49%	40%
Absolute CD8	200-1800 cells/ μ L	1650
CD4:CD8 Ratio	0.90-2.90	0.85 (L)
%CD19+ (PAN B-CELLS)	8-39%	<1% (L)
Absolute CD19	180-1300 cells/ μ L	<10 (L)
CD3-CD16+CD56+% (NK-CELLS)	2-25%	14%
Absolute NK cells	61-510 cells/ μ L	203

Quantitative Immunoglobulins (QulGs)

IMMUNOGLOBULIN A (IGA), SERUM	69 - 309 mg/dL	<6.67 (L)
IMMUNOGLOBULIN G (IGG), SERUM	613 - 1295 mg/dL	<25 (L)
IMMUNOGLOBULIN M (IGM), SERUM	53 - 334 mg/dL	<4.17 (L)

Specific antibodies to vaccines

Tetanus (IgG)	(\geq 0.01 IU/mL)	< 0.01 (L)
<i>Haemophilus influenzae type b</i> (Hib) IgG	\geq 0.15 mg/L	< 0.05 (L)
<i>Streptococcus pneumoniae</i> IgG (23)	>1.3 mcg/mL	1/23 (L)

Complement

Total hemolytic complement (CH50)	30-75 U/mL	67
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