

Lab Results



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)
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IMMUNOGLOBULIN G (IGG), SERUM	613 - 1295 mg/dL	<25 (L)
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IMMUNOGLOBULIN M (IGM), SERUM	53 - 334 mg/dL	<4.17 (L)
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Specific antibodies to vaccines

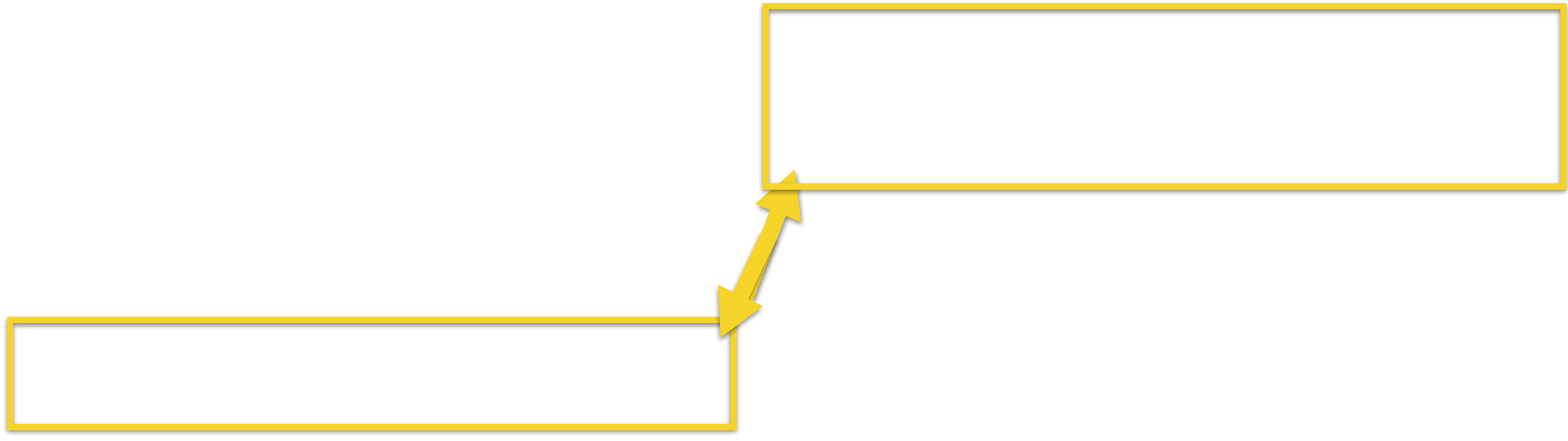
Tetanus (IgG)	≥ 0.01 IU/mL	< 0.01 (L)
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<i>Haemophilus influenzae</i> type b (Hib) IgG	≥ 0.15 mg/L	< 0.05 (L)
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<i>Streptococcus pneumoniae</i> IgG (23)	> 1.3 mcg/mL	1/23 (L)
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Complement

Total hemolytic complement (CH50)	30-75 U/mL	67
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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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What do these findings suggest?

- [Open this form](#) and summarize the key laboratory findings, especially in regards to the leading diagnosis and what diagnosis you would give to PJ.
- After you have finished summarizing the results and what they suggest, you may proceed with the case.

(Type your responses in the online form)