

## Alert Values List

### Immunology

Test	Alert Value
California Encephalitis Antibody, IgM, serum	≥ 1:16
California Encephalitis Antibody, IgM, CSF	≥ 1:1 or Indeterminate
<i>Coxiella burnetii</i> Antibody, IgG, Phase I and/or II	≥ 1:128
<i>Coxiella burnetii</i> Antibody, IgM, Phase I and/or II	≥ 1:16
Dengue Fever Virus Antibody, IgM	≥ 2.85 IV
Eastern Equine Encephalitis Antibody, IgM, serum	≥ 1:16
Eastern Equine Encephalitis Antibody, IgM, CSF	≥ 1:1 or Indeterminate
<i>Ehrlichia chaffeensis</i> Antibody, IgG	≥ 1:256
<i>Ehrlichia chaffeensis</i> Antibody, IgM	≥ 1:6
Glomerular Basement Membrane Ab, IgG by Multiplex Bead Assay	≥ 26 AU/mL
Hepatitis A Virus Antibody, IgM	Positive
Immunoglobulin IgG	≤ 200 mg/dL 0–1 months ≤ 150 mg/dL 2–5 months ≤ 200 mg/dL 6–11 months ≤ 250 mg/dL ≥ 1 year
Measles (Rubeola) Antibody, IgM, serum or CSF	≥ 1.21 AU
Mumps Virus Antibody, IgM serum or CSF	≥ 1.21 IV
<i>Rickettsia rickettsia</i> Antibody, IgM	≥ 1:64
<i>Treponema pallidum</i> Antibody, IgG by IFA (CSF)	Reactive and <2 years of age
<i>Treponema pallidum</i> Antibody, IgG by IFA (FTA-ABS), Serum	Reactive and <2 years of age
<i>Treponema pallidum</i> Antibody by TP-PA Rapid Plasma Reagin (RPR)	Reactive and <2 years of age
<i>Treponema pallidum</i> (VDRL), Cerebrospinal Fluid	Reactive and <2 years of age
<i>Treponema pallidum</i> (VDRL), Serum	Reactive and <2 years of age
St. Louis Encephalitis Antibody, IgM, serum	≥ 1:16
St. Louis Encephalitis Antibody, IgM, CSF	≥ 1:1 or Indeterminate
Western Equine Encephalitis Antibody, IgM, serum	≥ 1:16
Western Equine Encephalitis Antibody, IgM, CSF	≥ 1:1 or Indeterminate
West Nile Virus Antibody, IgM, serum or CSF	≥ 1.11 IV

### Infectious Disease

Detection of specific infectious agent	By	In
Carbapenem-resistant <i>Enterobacteriaceae</i> and Vanco I or R in <i>S. aureus</i>	Susceptibility test methods	Primary cultures (not referred isolates)
<i>Bordetella pertussis</i>	Positive stain, culture or nucleic acid test (NAT)	
<i>E. coli</i> O157 or Shiga-like toxin producing	Positive culture (preliminary), enzyme immunoassay or NAT	
<i>Legionella</i> (all species)	Positive culture	

## Infectious Disease

Detection of specific infectious agent	By	In
<i>Legionella pneumophila</i>	Positive stain, antigen detection, or NAT	
Measles	Positive culture	
Mumps	Positive culture or NAT	
Polio	Positive culture	
<i>Pneumocystis</i>	Positive Stain or NAT	
<i>Streptococcus</i> , Group A	Positive culture	
<i>Ureaplasma</i> or <i>Mycoplasma hominis</i>	Positive culture or NAT	Neonate ≤ 3 months of age
Virus detection—all sources except urine	Positive culture or smear	Neonate ≤ 3 months of age
Multi-site swabs for HSV or VZV	Positive NAT	
Enterovirus or Parechovirus	Positive NAT	
Ehrlichia, Babesia, Anaplasma	Positive NAT	

## Toxicology

Test	Value	Comments
Amitriptyline + Nortriptyline	> 500 ng/mL	
Carbamazepine Epoxide	> 15 µg/mL	
Carbamazepine, Total	> 15 µg/mL	Trough
Carbamazepine, Free	> 3.8 µg/mL	
Clomipramine + Norclomipramine	> 900 ng/mL	
Desipramine	> 500 ng/mL	
Disopyramide	> 6 µg/mL	
Doxepin+Nordoxepin	> 500 ng/mL	
Ethosuximide	> 150 µg/mL	
Imipramine + Desipramine	> 500 ng/mL	
Nortriptyline	> 500 ng/mL	
Phenytoin, Total	> 30 µg/mL	Trough, 3 months–adult
	> 14 µg/mL	Trough, 0–3 months
Phenobarbital	> 50 µg/mL	Trough, 3 months–adult
	> 40 µg/mL	Trough, 0–3 months
Phenytoin, Free	> 2.5 µg/mL	
Protriptyline	> 400 ng/mL	
Theophylline	> 25 µg/mL	Trough, 6 months–adult
	> 20 µg/mL	Trough, 0–6 months
Valproic Acid (VPA), Free	> 30 µg/mL	
Valproic Acid (VPA), Total	> 150 µg/mL	Trough