

Alert Values List

Immunology

Test	Alert Value
California Encephalitis Antibody, IgM, serum	≥ 1:16
California Encephalitis Antibody, IgM, CSF	≥ 1:1
<i>Coxiella burnetii</i> Antibody, IgM, CSF	≥ 1:128
Dengue Fever Virus Antibody, IgM	≥ 2.85 IV
Eastern Equine Encephalitis Antibody, IgM, serum	≥ 1:16
Eastern Equine Encephalitis Antibody, IgM, CSF	≥ 1:1
<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
St. Louis Encephalitis Antibody, IgM, serum	≥ 1:16
St. Louis Encephalitis Antibody, IgM, CSF	≥ 1:1
Western Equine Encephalitis Antibody, IgM, serum	≥ 1:16
Western Equine Encephalitis Antibody, IgM, CSF	≥ 1:1
West Nile Virus Antibody, IgM, serum or CSF	≥ 1.11 IV

Infectious Disease

Detection of specific infectious agent	By	In
Antimicrobial resistance markers of KPC 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	
<i>E. coli</i> O157 or Shiga-like toxin producing	Positive culture (preliminary) or enzyme immunoassay	
<i>Legionella</i> (all species)	Positive culture	
<i>Legionella pneumophila</i>	Positive stain, antigen detection, or nucleic acid test	
Measles	Positive culture	
Mumps	Positive culture	
Polio	Positive culture	
<i>Pneumocystis</i>	Positive Stain or Nucleic Acid Test	
<i>Streptococcus</i> , Group A	Positive culture	

Infectious Disease

Detection of specific infectious agent	By	In
<i>Ureaplasma</i> or <i>Mycoplasma hominis</i>	Positive culture or nucleic acid test	Neonate ≤ 3 months of age
Virus detection—other sources except urine	Positive culture or smear	Neonate ≤ 3 months of age

Toxicology

Test	Value	Comments
Amiodarone	> 3 µg/mL	
Amitriptyline + Nortriptyline	> 500 ng/mL	
Bupropion	> 400 ng/mL	
Carbamazepine Epoxide	> 15 µg/mL	
Carbamazepine, Total	> 15 µg/mL	Trough
Carbamazepine, Free	> 3.8 µg/mL	
Choramphenicol	> 25 µg/mL	
Chlorpromazine (12 and older)	> 750 ng/mL	
Chlorpromazine (0–12 years)	> 200 ng/mL	
Clomipramine + Norclomipramine	> 900 ng/mL	
Clozapine	> 2000 ng/mL	
Desipramine	> 500 ng/mL	
Cyclosporine A	> 700 ng/mL	
Digitoxin	> 45 ng/mL	
Disopyramide	> 6 µg/mL	
Doxepin+Nordoxepin	> 500 ng/mL	
Ethosuximide	> 150 µg/mL	
Everolimus	> 15 ng/mL	
Felbamate	> 200 µg/mL	
Flecainide	> 1.5 µg/mL	
Imipramine + Desipramine	> 500 ng/mL	
Mexiletine	> 2 µg/mL	
Mycophenolic Acid (MPA)	> 25 µg/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	
Propafenone	> 2 µg/mL	
Protriptyline	> 400 ng/mL	
Sirolimus	> 25 ng/mL	
Theophylline	> 25 µg/mL	Trough, 6 months–adult
	> 20 µg/mL	Trough, 0–6 months
Valproic Acid (VPA), Free	> 30 µg/mL	

Toxicology

Test	Value	Comments
Valproic Acid (VPA), Total	> 150 µg/mL	Trough
Voriconazole	> 6.0 µg/mL	
Zonisamide	> 80 µg/mL	