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Hematology

| Hematology | | | | | | | | |
|-----------------------------------|--------------------------------|-------------|----------------------|----------------|-------------------|---------------------------------|--|--|
| Analyte | Age | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
| Hematocrit | 0-30 days | % | < 30 | > 71 | 12/5/2012 | 11/13/2013 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Family and Internal Medicine, Infectious Disease, Hospitalists, Hematology/Oncology and Pediatrics Approved by SCPMG Laboratory Operations Committee |
| | > 30 days | | < 18 | > 61 | 10/3/1997 | 10/3/1997 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Hemoglobin | 0-30 days | g/dL | < 9.5 | > 22.3 | 10/3/1997 | 10/3/1997 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations |
| Tiemoglobin | > 30 days | g/ u L | < 6.6 | > 19.9 | 10,0,133. | 10,0,133, | Centers. JAMA 263(5): 704 - | Committee |
| Absolute Neutrophils (Ascites) | All | Per cumm | | > 250 | 6/9/2013 | 6/9/2013 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Quality Sub-Committee Approved by SCPMG Laboratory Operations Committee |
| Absolute Neutrophil | All | Per cumm | < 500 | | 10/3/1997 | 12/10/2003 and 1/28/2004 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Quality sub-committee Approved by SCPMG Laboratory Operations Committee |
| Platelets | <18 yrs 18 yrs and older | Per cumm | < 30,000 < 20,000 | > 999,000 | 10/3/1997 | 6/9/2013 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| WBC Total | All | Per cumm | < 2,000 | > 30,000 | 10/3/1997 | 9/25/2013 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Peripheral Blood Smear | All | N/A | Blasts present | Blasts present | 10/1/2007 | 10/1/2007 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| | | | | | | | | |

Coagulation

| Analyte | Age | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
|--------------------------------|-----|-------|--------------|---|-------------------|---------------------------------|--------------------------------------|--|
| Fibrinogen | All | mg/dL | < 100 | | 11/12/2001 | 3/12/2009 | Clinician Notification at US Medical | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| PT - Prothrombin Time | All | INR | | > 5.0 | 9/25/2003 | 9/25/2003 | Clinician Notification at US Medical | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Heparin Anti-Xa | All | IU/mL | | Unfrac Heparin ≥ 0.8 | 8/15/2005 | 10/28/2009 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Heparin (low molecular weight) | All | IU/mL | | 12 hour dosing: anti-Xa > 1.3 24 hour dosing: anti-Xa> 2.1 | 4/17/2007 | 4/17/2007 | | Approved by SCPMG Laboratory Operations |
| aPTT - Non Medicated | All | secs | | > 68 | 10/3/1997 | 10/3/1997 | Clinician Notification at US Medical | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| aPTT on Heparin Therapy | All | secs | | ≥ 150 | 11/15/2017 | 10/25/2017 | | Approved by Pharmacy, Chief of Heme/Onc and Clinical Coag Experts Approved by SCPMG Laboratory Operations Committee |
| | | | | | | | | |

Chemistry

| Chemistry | | | | | | | | |
|---------------------|-------------------------|----------|--------------|------------------|-------------------|---------------------------------|--|--|
| Analyte | Age | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
| | 0 days | | | >8 | | | | |
| Bilirubin | 1 day | | | > 11.4 > 13.6 | | | Kost, G. J., 1990. Critical Limits for Urgent | Approved by Chiefs of Primary Care |
| (Neonatal T Bili) | 2 days 3 days | mg/dL | | > 14.5 | 12/10/2002 | 4/13/2009 | Clinician Notification at US Medical | Approved by SCPMG Laboratory Operations Committee Approved by Regional Chiefs of |
| (Neonatar i bili) | 4 days | | | > 15.0 | | | Centers. JAMA 263(5): 704 - | Pediatric/ Dr. Wald 12/01 |
| | > 4 days | | | > 18.0 | | | | |
| Calcium | All | mg/dL | < 6.6 | > 12.9 | 10/3/1997 | 10/3/1997 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| CO2 | All | mEq/L | < 11 | > 40 | 10/3/1997 | 10/3/1997 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Gentamycin | All | mcg/mL | | > 12 | 2/27/2002 | 2/27/2002 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| | 0-24 hours | | < 35 | > 200 | | | | |
| Glucose | > 24 hours - 30 days | mg/dL | < 50 | > 200 | 10/3/1997 | 6/24/2015 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by SCPMG Laboratory Operations Committee |
| | > 30 days | | < 50 | > 484 | | | , , | |
| Lactic Acid (CSF) | All | mmol/L | | None | 1/9/1900 | 9/6/2011 | | Approved by SCPMG Laboratory Operations Committee |
| Lactic Acid (Blood) | All | mmol/L | | > 1.9 | 1/9/1900 | 9/6/2011 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Magnesium | All | mg/dl | < 1.0 | > 4.8 | 10/3/1997 | 8/22/2011 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Potassium | 0-30 days | mEq/L | < 3.0 | > 6.4 | 2/13/2003 | 10/7/2005 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations |
| - Cussiuiii | > 30 days | 111114/1 | < 2.8 | > 6.2 | 10/3/1997 | 9/28/2005 | Centers. JAMA 263(5): 704 - | Committee |
| Sodium | 0-30 days | mEq/L | ≤ 124 | ≥ 156 | 9/28/2016 | 9/28/2016 | | Approved by Neonatology Approved by SCPMG Laboratory Operations Committee |
| | > 30 days | | < 120 | > 158 | 10/3/1997 | 10/3/1997 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |

| | All | ng/ml | > 0.5 | 11/17/2009 | 11/17/2009 | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
|--|------------|--------|--------|------------|------------|---|
| тѕн | 0-50 days | mcg/dL | > 10.0 | 10/28/2015 | 10/28/2015 | Approved by Regional Perinatal Services and Pediatric Endocrinology Approved by SCPMG Laboratory Operations Committee |
| Urinalysis, Automated W/O Micro - Glucose | < 18 years | mg/dL | ≥ 500 | 7/31/2013 | 9/5/2014 | Approved by Regional Chiefs for Family Medicine, Pediatrics, Pediatric Endocrinology, and Endocrinology Approved by SCPMG Laboratory Operations Committee |

Microbiology

| Analyte | Age | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
|--|-----|------|--------------|------------|-------------------|---------------------------------|---|--|
| Positive Blood Cultures | All | | | If Present | 10/3/1997 | 10/3/1997 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Positive Gram Stain from CSF and other sterile body fluids | All | | | If Present | 10/3/1997 | | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Positive Blood Parasites | All | | | If Present | 7/31/2006 | 7/31/2006 | CAP Accreditation Requirements, Microbiology Checklist, April 2005, MIC 52280 | Approved by SCPMG Laboratory Operations Committee |
| Cryptococcus - India Ink Prep | All | | | If Present | 7/1/2013 | 6/9/2013 | | Approved by SCPMG Laboratory Operations Committee |

Therapeutic Drugs

| Analyte | | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
|--------------------------------|-----|--------|--------------|---|-------------------|---------------------------------|----------------------|---|
| 5 - Flucytosine (5FC) | All | mcg/mL | | > 100 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Acetaminophen | All | mcg/mL | | > 150 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Amikacin (Peak) | All | mcg/mL | | > 33 | 6/15/2011 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Amikacin (Trough) | All | mcg/mL | | > 11 | 6/15/2011 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Amikacin (Random) | All | mcg/mL | | > 33 | 10/3/1997 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Amitriptyline | All | ng/mL | | ≥ 500 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Chlordiazepoxide (Librium) | All | ng/mL | | Chlordiazepoxide: > 4000; Norchlordiazepox: > 1000 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Clorazepate (Tranxene) | All | ng/mL | | > 3000 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Desipramine | All | ng/mL | | ≥ 500 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Diazepam (Valium) | All | ng/mL | | Diazepam + Desmethyldiazepam > 3000 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Digoxin (CHF) | All | ng/mL | | > 2.0 | 11/17/2010 | 11/17/2010 | | Approved by SCPMG Laboratory Operations |
| Digoxin (Atrial Arrhythmia) | All | ng/mL | | > 2.0 | 11/17/2010 | 11/17/2010 | | Approved by SCPMG Laboratory Operations |
| Digoxin (No Indication SpecF) | All | ng/mL | | > 2.0 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Doxepine | All | ng/mL | | ≥ 500 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |

| Ethosuximide (Zarontin) | All | mcg/mL | > 100 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
|--------------------------------|-----|--------|---|-----------|-----------|--|---|
| Gentamicin (Peak) | All | mcg/mL | 0-14 yrs: >12 Adults: >11 | 6/15/2011 | 6/15/2011 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Gentamicin (Synergy Peak) | All | mcg/mL | > 6 | 6/15/2011 | 6/15/2011 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Gentamicin (Trough) | All | mcg/mL | > 2 | 6/15/2011 | 6/15/2011 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Gentamicin (SDDA) | All | mcg/mL | 0-14 yrs: > 12 Adults: > 11 | 2/27/2002 | 2/27/2002 | | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Gentamicin (Random) | All | mcg/mL | 0-14 yrs: > 12 Adults: > 11 | 10/3/1997 | 6/15/2011 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee 3/02 |
| Heparin (low molecular weight) | All | IU/mL | (12 hour dosing): anti-Xa > 1.3 (24 hour dosing) anti-Xa > 2.1 | 4/17/2007 | 4/17/2007 | | Approved by SCPMG Laboratory Operations |
| Heparin (unfractionated) | All | IU/mL | anti-Xa ≥ 0.8 | 8/15/2005 | 8/15/2005 | | Approved by SCPMG Laboratory Operations |
| Imipramine | All | ng/mL | ≥ 500 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Lead | All | mcg/dL | ≥ 45 | 4/9/2007 | 4/9/2007 | | Approved by SCPMG Laboratory Operations |
| Lithium | All | meq/L | > 1.5 | 10/3/2007 | 10/3/2007 | | Approved by SCPMG Laboratory Operations |
| Nortriptyline | All | ng/mL | ≥ 500 | 10/3/2007 | 10/3/2007 | | Approved by SCPMG Laboratory Operations |
| Phenobarbital | All | mcg/mL | > 50 | 6/10/2002 | 3/27/2002 | Regional Chiefs of Neurology | Approved by SCPMG Laboratory Operations Committee 3/02, Approved by Regional Chiefs of Neurology, Approved by Chiefs of Primary Care |
| Phenytoin (Dilantin) | All | mcg/mL | > 25 | 6/10/2002 | 3/27/2002 | Regional Chiefs of Neurology | Approved by SCPMG Laboratory Operations Committee 3/02, Approved by Regional Chiefs of Neurology, Approved by Chiefs of Primary Care |
| Phenytoin, Free | All | mcg/mL | > 3.0 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |

| Primidone (Mysoline) | All | mcg/mL | | > 12.0 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
|---|-----|----------------------|--|-----------------------------------|-----------|-----------|--|---|
| Salicylate | All | mg/dL | | 0-14yrs: > 15.0 Adults: > 35.0 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Tegretol (carbamazepine) | All | mcg/mL | | > 15 | 6/10/2002 | 3/27/2002 | Regional Chiefs of Neurology | Approved by SCPMG Laboratory Operations Committee 3/02, Approved by Regional Chiefs of Neurology, Approved by Chiefs of Primary Care |
| Theophylline | All | mcg/mL | | > 20 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Therapeutic Drugs | All | therapeu unless o | above itic range, therwise ned. | | 10/3/1997 | 10/3/1997 | Kost, G. J., 1990. Critical Limits for Urgent Clinician Notification at US Medical Centers. JAMA 263(5): 704 - | Approved by Chiefs of Primary Care Approved by SCPMG Laboratory Operations Committee |
| Thiocynate | All | mg/dL | | > 2.5 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Tobramycin (Peak) | All | mcg/mL | | > 11 | 6/15/2011 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Tobramycin (Trough) | All | mcg/mL | | > 2 | 6/15/2011 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Tobramycin (SDDA) | All | mcg/mL | | ≥ 0.5 | 6/15/2011 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Tobramycin (Random) | All | mcg/mL | | > 11 | 10/3/1997 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Trazodone | All | ng/mL | | > 5000 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Trimethoprim (Bactrim) & Sulfamethoxazole | All | mcg/mL | | TMP: > 10.0; SMOX: > 200 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Valproic Acid (Depakene) | All | mcg/mL | | > 170 | 6/10/2002 | 6/10/2002 | Regional Chiefs of Neurology | Approved by SCPMG Laboratory Operations Committee 3/02, Approved by Regional Chiefs of Neurology, Approved by Chiefs of Primary Care |

| Vancomycin (Trough) | All | mcg/mL | > 50 | 6/15/2011 | 6/15/2011 | Regional Reference Laboratories and Infectious Disease Committee (RLID) | Approved by SCPMG Laboratory Operations |
|--------------------------|-----|--------|--|-----------|-----------|---|---|
| Vancomycin (Random) | All | mcg/mL | > 50 | 9/25/2006 | 6/15/2011 | | Approved by SCPMG Laboratory Operations |
| Volatiles, Blood Alcohol | All | mg/dL | Ethanol: > 200 Methanol: > 20 Acetone: > 50 Isopropanol: > 50 | 10/3/1997 | 10/3/1997 | | Approved by SCPMG Laboratory Operations |
| Warfarin (Coumadin) | All | | INR > 5 | 9/23/2003 | 9/23/2003 | | Approved by SCPMG Laboratory Operations |
| | | | | | | | |

Genetics

| Analyte | | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
|--|-----|------|--------------|------------|-------------------|---------------------------------|----------------------|--|
| Prenatal cytogenetic studies | All | N/A | abnormal | abnormal | 11/1/2008 | 10/22/2008 | | Approved by SCPMG Laboratory Operations Committee |
| Newborn cytogenetic studies | All | N/A | abnormal | abnormal | 11/1/2008 | 10/22/2008 | | Approved by SCPMG Laboratory Operations Committee |
| STAT cytogenetic & sex determination studies | All | N/A | abnormal | abnormal | 11/1/2008 | 10/22/2008 | | Approved by SCPMG Laboratory Operations Committee |

Genetic Critical Value Notification by phone, fax, e-mail or hardcopy is at the discretion of the Laboratory Director

Point of Care

| Analyte | Age | Unit | Low Value | High Value | Effective Date | Date Revised and Approved | Literature Reference | Approvals |
|---------|------------|--------|--------------|------------|-------------------|---------------------------------|--|---|
| | < 24 hrs | | ≤ 35 | > 200 | | | | |
| Glucose | > 24 hrs - | mg/dL | < 50 | > 200 | 12/26/2012 | | Regional Perinatal Services, Polocy on Identification and Management of | Approved by SCPMG Laboratory Operations |
| Glacosc | 1 month | mg/ aL | V 30 | 7 200 | ,_,, | | Neonate with Hypoglycemia | |
| | > 1 month | | < 55 | > 400 | | | | |
| | | | | | | | | |

| Date | Whom | comments | | | | |
|------------|--|---|--|--|--|--|
| 3/27/2008 | fu | Reformat into excel from word | | | | |
| 4/11/2008 | fu | corrected Adult potassium from 6.4 to 6.2 | | | | |
| 4/11/2008 | fu | corrected format for column D | | | | |
| 1152008 | fu | add genetic values, update dates for Lab Net Publication | | | | |
| 11/11/2008 | fu | corrected type for theophylline reference range to 10 - 20 | | | | |
| 11/11/2008 | fu | spell correction anti, coag | | | | |
| 11/14/2008 | fu | coag heparin added > = to value | | | | |
| 4/1/2009 | fu | Add POCT glucose and urine dipstick critical values and reference ranges | | | | |
| 4/15/2009 | fu | correct Norpace and Valproic spelling and units | | | | |
| 4/15/2009 | fu | ketonuria threshold correction | | | | |
| 4/15/2009 | fu | remove the following from critical value list, no longer performed at RRL | | | | |
| 4/15/2009 | fu | up date bilirubin neonatal critical/reference ranges. | | | | |
| 4/16/2009 | fu | moved anti-Xa and Fondaparinux to Coag table, micro cv under high, if present, removed ketones from POCT | | | | |
| 4/17/2009 | fu | removed urinalysis ranges as they were the reference ranges and not critical values | | | | |
| 4/22/2009 | fu | as requested by QSC, reference range column is to be hidden on spreadsheet | | | | |
| 426/2010 | fu | corrected units for desiprimide | | | | |
| 9/8/2010 | lf | added definition of critical values in Pathology | | | | |
| 9/8/2010 | lf | added lactic acid | | | | |
| 9/8/2011 | fu | update amikacin peak, trough, random, vancomycin trough, random, Gentamicin peak, synergy peak, gentamicin trough, SDDA, | | | | |
| 9/6/2011 | Iu | Random, Tobramycin peak, trough, SDDA, random | | | | |
| 9/8/2011 | fu | Magnesioum new reporting units mEq/L to mg/dL | | | | |
| 9/8/2011 | fu | remove Fondaprinux (Arixtra) testing discontinued at Kaiser, sent out | | | | |
| 9/8/2011 | fu | Lactic Acid blood and csf unit change from mg/dL to mmol/L | | | | |
| 9/8/2011 | fu | Digoxin, add "no indication specf, atrial arrhythmia, CHF) | | | | |
| 9/14/2011 | fu | correct typo for Gentamicin adult > 11, missing > sign | | | | |
| 12/5/2012 | fu | neonatal hematocrit critical value upper limit changed to 65% due to current limit of instrument analytical measurement range | | | | |
| 8/1/21014 | fu | added clarifying language to Pediatric chemistry table, definitions of neonate, pediatrics | | | | |
| 8/1/2014 | fu | clarifying unit of measure mcg/mL on page 1 pediatric gentamicin | | | | |
| 8/1/2014 | fu | Neonate Hematocrit page 2 changed value to match Cerner GenLab to >65 from >71 | | | | |
| 8/1/2014 | fu | clarify Anti-Xa, page 4 and page 9 to >= 0.8 | | | | |
| 8/1/2014 | fu | Platelets low value page 5 to < 20 from no value, match Cerner GenLab. | | | | |
| 8/1/2014 | fu | WBC Total to current Cerner GenLab value of > 37,000, >30K was not approved by Laboratory Operations. | | | | |
| 8/1/2014 | fu | Cryptococcus - India Ink Prep language change from Indian Ink prep. | | | | |
| 3/21/2016 | updated list based on OSC decisions list 8/2014 - 3/2017 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Signature Manifest

Document Number: SCPMG QMS - 0077 **Revision:** 3

Title: Reference_Regional Critical Values Attachment

All dates and times are in Pacific Standard Time.

Regional Critical Values Attachment

Initial Approval

| Name/Signature | Title | Date | Meaning/Reason |
|-------------------------|------------------------|--------------------------|----------------|
| Maureen Ahler (K083442) | Quality Systems Leader | 26 Oct 2017, 02:12:09 PM | Approved |
| Fred Ung (K057175) | SCPMG LABORATORY QCD | 10 Nov 2017, 10:29:40 AM | Approved |

Final Approval

| Name/Signature | Title | Date | Meaning/Reason |
|----------------------|----------------------------|--------------------------|----------------|
| David Quam (P092597) | Rgnl Mg Admn-Pmg Executive | 15 Nov 2017, 09:35:47 AM | Approved |

Set Effective Date

| Name/Signature | Title | Date | Meaning/Reason |
|-------------------------|------------------------|--------------------------|----------------|
| Maureen Ahler (K083442) | Quality Systems Leader | 16 Nov 2017, 03:22:39 PM | Approved |