

Microbiology Module Coded Entries

| GRAM STAIN | | | | |
|--------------------|-------------------|------------|----------------|--------------------------------------|
| SOURCE | | DTA | CODED RESPONSE | RESPONSE DESCRIPTION |
| Abdom Cavity | Kidney | Gram Stain | CRPT | CORRECTED REPORT: |
| Abscess | Lacrimal Duct | | CORRWP | TEST PERFORMED ON WRONG PATIENT. |
| Amniotic Fl | Liver | | CMT | Comment: |
| Aort Val | Liver Asp | | EPIS | Epithelial cells seen |
| Aorta | Lochia | | F | Few |
| Ascites Fl | Muscle Bx | | FES | fungal elements seen |
| Asp | Nasopharynx | | FUN | Fungal elements present |
| Blind Lavage LL | Nipple Disch | | GNC | Gram negative cocci |
| Blind Lavage RL | Oral Mucosa | | GRPB | Gram positive rods, bacillus-like |
| Blood | Pancreas | | GS: | Gram Stain: |
| Bone | PD Cath Exit Site | | GVCB | Gram variable coccobacilli |
| Bone Marrow | PD Fl | | Intra | Intracellular |
| Bowel | Pelvis | | KOHN | No fungal elements observed |
| Brain | Penile Disch | | KOHY | Yeast observed |
| Breast Milk | Penis | | M | Many |
| Bronch Brush | Pericardial Fl | | Mix | Mixed flora, no predominant organism |
| Bronch Lav | Peritoneal Fl | | Mod | Moderate |
| Bronch Wash | Peritonsilar Absc | | NF | Normal flora isolated |
| Bursa | Pleural Fl | | NFES | No fungal elements seen |
| Conjunctiva | Rectal Abscess | | No | No |
| Cornea | Shunt Fl | | Nohy | No hyphal elements seen |
| CSF | Sinus | | NOS | No organisms seen. |
| Drainage | Sputum | | NSQC | No squamous cells |
| Dura Mater | Stomach | | NWBC | No white blood cells seen |
| Endotrach Tube Asp | Subclavian Cath | | OCC | occasional |
| Eye | Synovial | | PLEO | Pleomorphic |
| Fallop Tube | Tissue | | PMN | polymorphonuclear leukocytes |
| Feces | Transbronch Asp | | PMNS | Polymorphonuclear neutrophils |
| Fine Needle Asp | Transtrach Asp | | QS: | Q Score |
| Fluid | U Suprapubic Tap | | R | Rare |
| Gallbladder | Urine | | RBC | Red Blood Cells |
| Gastric Asp | Ventricular Fl | | S | Sparse |
| Heart Valve | Vertebra | | SGL | in single |
| Hickman Cath Tip | Vitreous Fl | | Squam | squamous epithelial cells |
| Implant | Water | | Tet | In tetrads |
| Incision | Wound | | WBC | White Blood Cells |
| IUD | Wound Absc | | WBCS | white blood cells seen |
| Joint Fl | | | | |

| GRAM STAIN | | | |
|-------------------|--|-------------------|--|
| ORGANISM RESPONSE | RESPONSE DESCRIPTION | ORGANISM RESPONSE | RESPONSE DESCRIPTION |
| GS | Gram Stain: | GPCCL | Gram Positive cocci in clusters |
| GNCB | Gram Negative Coccobacilli | GPCPC | Gram positive cocci in pairs and chains |
| GNDC | Gram Negative Diplococci | GPCPne | Gram Positive Cocci, suggestive of Pneumococci |
| GNDEX | Gram Negative Diplococci, Extracellular | GPCPR | Gram Positive cocci in pairs |
| GNDIN | Gram Negative Diplococci, Intracellular | GPCSta | Gram Positive Cocci, suggestive of Staphylococci |
| GNDNei | Gram Negative Diplococci, suggestive of Neisseria | GPCStr | Gram Positive Cocci, suggestive of Streptococci |
| GNR | Gram Negative Rods | GPR | Gram Positive Rods |
| GNRDF3 | Gram Negative Rods, DF-3 Group | GPRDip | Gram Positive Rods, suggestive of Diphtheroids |
| GNRHae | Gram Negative Rods, suggestive of Haemophilus | GPRFIL | Gram Positive Filamentous Rods |
| GNRHel | Curved Gram Negative Rods suggestive of Helicobacter | GPRLac | Gram Positive Rods, suggestive of Lactobacilli |
| GPC | Gram Positive Cocci | GVCB | Gram Variable Coccobacilli |
| GPCB | Gram Positive Coccobacilli | GVR | Gram Variable Rods |
| GPCCH | Gram Positive cocci in chains | GVRGar | Gram Variable Rods, suggestive of Gardnerella |

Continued on next page

Microbiology Module Coded Entries, Continued

| Q SCORE | | BIOCHEMICAL WORK CARD: RESULT ENTRY | | | Q SCORE REPORTING | | | |
|---|---------|-------------------------------------|--------------|--------------|---------------------------------|--|---------------------------------|--|
| SOURCE | DTA | BIOCHEMICAL | CODED RESULT | DESCRIPTION | CODE | EXPANDED TEXT | | |
| Sputum | Q Score | PMNs | p0 | <10 = 0 | QS+1 (Gram Stain: see below) | Q Score: +1 Q Scores of 1+ or greater favor a pulmonary specimen over an oral specimen (saliva). Specimen will be processed for bacterial culture. | | |
| | | | p10 | 10-25 = +1 | | | | |
| | | | p25 | >25 = +2 | | | | |
| | | Mucus | m0 | Absent = 0 | | | | |
| | | | m+1 | Present = +1 | | | | |
| | | SECs | S0 | <10 = 0 | QS+2 (Gram Stain: see below) | Q Score: +2 Q Scores of 1+ or greater favor a pulmonary specimen over an oral specimen (saliva). Specimen will be processed for bacterial culture. | | |
| | | | S10 | 10-25 = -1 | | | | |
| | | | S25 | >25 = -2 | | | | |
| | | | | | | | QS+3 (Gram Stain: see below) | Q Score: +3 Q Scores of 1+ or greater favor a pulmonary specimen over an oral specimen (saliva). Specimen will be processed for bacterial culture. |
| | | | | | | | QS-1 | Q Score: -1 The quality of specimen submitted for culture is unsatisfactory. Please recollect and submit, if clinically indicated. |
| | | | | | | | QS-2 | Q Score: -2 The quality of specimen submitted for culture is unsatisfactory. Please recollect and submit, if clinically indicated. |
| | | | | | | | QS-3 | Q Score: -3 The quality of specimen submitted for culture is unsatisfactory. Please recollect and submit, if clinically indicated. |
| | | | | | QS0 | Q Score: 0 The quality of specimen submitted for culture is unsatisfactory. Please recollect and submit, if clinically indicated. | | |
| EXAMPLE OF GRAM STAIN RESULT ENTRY | | | | | | | | |
| | | | | | GS | Gram Stain: Many Gram negative cocci Few Gram Variable Rods | | |
| | | | | | M | | | |
| | | | | | GNC | | | |
| | | | | | F | | | |
| | | | | | GVR | | | |

| FECAL WBC | | | | | |
|-----------|-----------|----------------|---------------------------|--|--|
| SOURCE | DTA | CODED RESPONSE | RESPONSE DESCRIPTION | | |
| Feces | Fecal WBC | F | Few | | |
| | | M | Many | | |
| | | Mod | Moderate | | |
| | | NWBC | No white blood cells seen | | |
| | | R | Rare | | |
| | | WBCS | white blood cells seen | | |

| INDIA INK PREP | | | | | |
|----------------|----------------|----------------|----------------------------------|--|--|
| SOURCE | DTA | CODED RESPONSE | RESPONSE DESCRIPTION | | |
| CSF Fluid | India Ink Prep | EYS | Encapsulated yeast seen | | |
| | | NEYS | No Encapsulated yeast forms seen | | |

Continued on next page

Microbiology Module Coded Entries, Continued

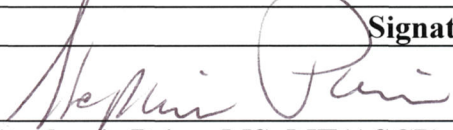
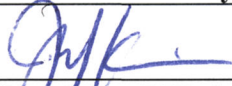
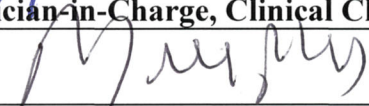
| CRYSTALS-SYNOVIAL FLD | | | |
|-----------------------|-----------------|----------------|---|
| SOURCE | DTA | CODED RESPONSE | RESPONSE DESCRIPTION |
| Synovial | Crystl-SyF | CHO | consistent with cholesterol |
| | | CPPD | consistent with calcium pyrophosphate dihydrate |
| | | EXTRA C | extra-cellular crystals |
| | | F | Few |
| | | IN AND EX | Both intra and extra-cellular crystals |
| | | INTRA C | intra-cellular crystals |
| | | M | Many |
| | | Mod | Moderate |
| | | MSU | consistent with monosodium urate |
| | | NCRS | No crystals seen |
| | | NEED | needle shaped |
| | | NEGB | negatively birefringent |
| | | NO ID | unable to specifically identify |
| | | POSB | positively birefringent |
| | | RECT | rectangular shaped |
| RHOM | rhomboid shaped | | |

| KOH PREP | | | |
|-------------------|-----|----------------|-------------------------|
| SOURCE | DTA | CODED RESPONSE | RESPONSE DESCRIPTION |
| Abscess | KOH | F | Few |
| Amniotic Fl | | FES | fungal elements seen |
| Aort Val | | M | Many |
| Aorta | | Mod | Moderate |
| Ascites Fl | | NFES | No fungal elements seen |
| Asp | | R | Rare |
| Bone | | | |
| Bone Marrow | | | |
| Bowel | | | |
| Brain | | | |
| Bronch Brush | | | |
| Bronch Lav | | | |
| Bronch Wash | | | |
| Bursa | | | |
| Conjunctiva | | | |
| Cornea | | | |
| CSF | | | |
| Dura Mater | | | |
| Eye | | | |
| Fine Needle Asp | | | |
| Fluid | | | |
| Gastric Asp | | | |
| Genital | | | |
| Hair | | | |
| Hickman Cath Tip | | | |
| Implant | | | |
| Joint Fl | | | |
| Lacrimal Duct | | | |
| Liver Asp | | | |
| Lochia | | | |
| Nail | | | |
| Nares | | | |
| Nasopharynx | | | |
| Oral Mucosa | | | |
| PD Cath Exit Site | | | |
| Pericardial Fl | | | |
| Peritoneal Fl | | | |
| Pleural Fl | | | |
| Scalp | | | |
| Shunt Fl | | | |
| Sinus | | | |
| Skin | | | |
| Sputum | | | |
| Subclavian Cath | | | |
| Synovial | | | |
| Tissue | | | |
| Transbronch Asp | | | |
| Transtrach Asp | | | |
| Urine | | | |
| Ventricular Fl | | | |
| Vitreous Fl | | | |
| Wound | | | |

| MALARIA RAPID TEST | | | | |
|--------------------|---------|----------------|------------------------------------|--|
| SOURCE | DTA | CODED RESPONSE | RESPONSE DESCRIPTION | EXPANDED TEXT |
| Blood | Malaria | MRTT1POS | Malaria Rapid T1 Positive | Positive for P. falciparum protein antigen only. Refer to confirmatory smear result. |
| | | MRTT2POS | Malaria Rapid (T2 Positive) | Positive for malaria protein antigen, representing P. vivax or P. malariae or P. ovale or a mix of these. Differentiation of the species is not possible with this test. Refer to confirmatory smear result. |
| | | MRTT1T2POS | Malaria Rapid (T1 and T2 Positive) | Positive for P. falciparum protein or a mix of P. falciparum antigen and other Plasmodium protein antigens. Differentiation of the species is not possible with this test. Refer to confirmatory smear result. |
| | | MRTNEG | Malaria Rapid (Negative) | Presumptive negative for malaria antigens. Infection due to malaria cannot be ruled out. Refer to confirmatory smear result. |
| | | MRTINV | Malaria Rapid (Invalid) | Invalid or uninterpretable test. Refer to confirmatory smear result. |

Microbiology Module Coded Entries – Version 02

Reviewed and approved by:

| Signature | Date |
|--|---------|
|  | 4/11/14 |
| Stephanie Prien, MS, MT(ASCP) SCPMG Laboratory Informatics Director | |
|  | 4/14/14 |
| Ji Yeon Kim, MD, MPH Physician-in-Charge, Clinical Chemistry and Lab Informatics | |
|  | 4/14/14 |
| Darryl Erik Palmer-Toy, MD, PhD SCPMG Assistant Medical Director, Laboratory Services Director, Regional Reference Laboratories | |

Reviewed and approved by (for Medical Center Area Approval Only):

| SIGNATURE | DATE |
|---|------|
| | |
| Name: _____ Operations Director, Area Laboratory | |
| | |
| Name: _____ CLIA Laboratory Director | |

Microbiology Module Coded Entries

HISTORY PAGE

| Type of Change: New, Major, Minor | Description of Change(s) | SCPMG Laboratory Informatics Director/Date | Operations Director, Area Laboratory Review/Date | CLIA Director or Designee Review/Date | Local Implementation Initials/ Date |
|---|--|---|---|--|--|
| New | | | | | |
| Major | <p>Page 2: India Ink</p> <ul style="list-style-type: none"> Removed EYP1 and EYP 2 from the Coded Response field Added EYS to the Coded Response field Replaced the EYP1 and EYP2 Response Descriptions with the Response Description pertaining to the EYS Coded Response <p>Page 3: Malaria Rapid Test</p> <ul style="list-style-type: none"> Replaced Coded Responses and Response Descriptions with Coded Responses and Response Descriptions pertaining to the BinaxNOW® Rapid Malaria Test Added an Expanded Text block containing the result messages that will appear in KP HealthConnect | <p><i>Stephanie Parr 4/11/14</i></p> | | | |
| | | | | | |
| | | | | | |
| | | | | | |