

# Reference Range of Analytes offered by the Alabama Department of Public Health - Bureau of Clinical Laboratories

Analyte	Reference Range
Aerobic & Anaerobic Bacteria Identification	Aerobic & anaerobic bacteria not identified in a normal healthy population
Alanine Amino- Transferase (ALT, SGPT)	See final laboratory report
Albumin	See final laboratory report
Alkaline Phosphatase, Serum	See final laboratory report
<i>Amoebae</i>	<i>Amoebae</i> not found in a normal healthy population
Amylase	See final laboratory report
Arbovirus (Dengue, Chikungunya, Zika)	Negative in a normal healthy population
Arthropods	Arthropods not found in a normal healthy population
<i>Ascaris</i>	<i>Ascaris</i> not found in a normal healthy population
Aspartate Aminotransferase (AST, SGOT)	See final laboratory report
<i>Aspergillus</i> , Culture	<i>Aspergillus</i> not found in a normal healthy population
<i>Bacillus anthracis</i>	<i>Bacillus anthracis</i> not found in a normal healthy population
Basic Metabolic Panel	See final laboratory report
Bicarbonate (CO <sub>2</sub> )	See final laboratory report
Bilirubin, Total Or Direct	See final laboratory report
<i>Blastomyces</i> , Culture	<i>Blastomyces</i> not found in a normal healthy population
Blood Urea Nitrogen (BUN)	See final laboratory report
<i>Bordetella pertussis</i> - Culture & PCR	<i>Bordetella pertussis</i> not found in a normal healthy population
Botulism (Culture; Food Poisoning Investigation)	Botulism not found in a normal healthy population
Botulism (Toxicity)	Botulism not found in a normal healthy population
<i>Brucella</i> (Culture)	<i>Brucella</i> not found in a normal healthy population
Calcium	See final laboratory report
<i>Campylobacter</i> (Culture; Food Poisoning Investigation)	<i>Campylobacter</i> not found in a normal healthy population
<i>Candida</i> (Culture)	<i>Candida</i> not found in a normal healthy population
<i>Haemophilus ducreyi</i>	<i>Haemophilus ducreyi</i> not found in a normal healthy population
Chemistry Profiles	See final laboratory report
Chikungunya	Negative in a normal healthy population
<i>Chlamydia Trachomatis</i> (CT) &/or <i>Neisseria Gonorrhoeae</i> (GC)	Negative in a normal healthy population
Chloride	See final laboratory report
Cholesterol	See final laboratory report

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<i>Clostridium botulinum</i>	<i>Clostridium botulinum</i> not found in a normal healthy population
<i>Coccidioides</i> , Culture	<i>Coccidioides</i> not found in a normal healthy population
Complete Blood Count (CBC), Without Differential	See final laboratory report
Comprehensive Metabolic	See final laboratory report
Coronavirus (MERS-CoV)	Negative in a normal healthy population
Creatinine	See final laboratory report
<i>Cryptococcus</i> (Culture)	<i>Cryptococcus</i> not found in a normal healthy population
<i>Cryptosporidium</i>	<i>Cryptosporidium</i> not found in a normal healthy population
Dermatophytes (Culture)	Dermatophytes not found in a normal healthy population
<i>Diphtheria</i> (Culture)	<i>Diphtheria</i> not found in a normal healthy population
Ebola virus	Negative in a normal healthy population
Electrolytes (Na, K, Cl, CO <sub>2</sub> )	See final laboratory report
<i>Entamoeba histolytica</i>	<i>Entamoeba histolytica</i> not found in a normal healthy population
Enteric, Culture ( <i>Salmonella</i> , <i>Shigella</i> , <i>Escherichia coli</i> 0157:H7)	Not found in a normal healthy population
<i>Escherichia coli</i> (Confirmation)	<i>Escherichia coli</i> not found in a normal healthy population
<i>Escherichia coli</i> , 0157:H7 Serotyping	<i>Escherichia coli</i> 0157:H7 not found in a normal healthy population
Ferritin	See final laboratory report
Fungus, Culture	Fungus not found in a normal healthy population
Gamma Glutamyl Transpeptidase (GGTP)	See final laboratory report
Gastrointestinal Panel	Negative in a normal healthy population
Genotype, HIV	HIV not found in a normal healthy population
Giardiasis ( <i>Giardia</i> )	<i>Giardia</i> not found in a normal healthy population
Glanders Disease ( <i>Burkholderia mallei</i> )	<i>Burkholderia mallei</i> not found in a normal healthy population
Glucose	See final laboratory report
Gonorrhea (GC), Culture, Confirmation	Negative in a normal healthy population
<i>Haemophilus ducreyi</i>	<i>Haemophilus ducreyi</i> not found in a normal healthy population
<i>Haemophilus</i> , Culture & Serotyping	<i>Haemophilus</i> not found in a normal healthy population
Hematocrit, Automated	See final laboratory report
Hemoglobin, Automated	See final laboratory report
Hepatic Function Panel	See final laboratory report
Hepatitis A IgM	Non-Reactive in a normal healthy population

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Hepatitis B Surface Antigen and Surface Antibody	Non-reactive in a normal healthy population
Hepatitis C Screening	Non-reactive in a normal healthy population
Hepatitis C Viral Load	Not detected in a normal healthy population
HDL Cholesterol	See final laboratory report
Histoplasmosis, Culture	Histoplasmosis not found in a normal healthy population
HIV Ag/AB Screening	Non-reactive in a normal healthy population
HIV 1 Confirmation NAAT	Not detected in a normal healthy population
HIV 1/2 Differentiation Geenius	Not detected in a normal healthy population
Hookworm	Hookworm not found in a normal healthy population
Influenza, Bacterial	Influenza not found in a normal healthy population
Influenza, Viral (PCR)	Negative in a normal healthy population
Intestinal Parasites	Intestinal parasites not found in a normal healthy population
Iron	See final laboratory report
Lactate Dehydrogenase (LDH)	See final laboratory report
Lead, Blood	See final laboratory report
Legionnaires, Culture	<i>Legionella</i> not found in a normal healthy population
Leptospirosis, Antibody	Not detected in a normal healthy population
Lipid Panel	See final laboratory report
Listeriosis, ( <i>Listeria</i> ) Culture	<i>Listeria</i> not found in a normal healthy population
Low-Density Lipoprotein (LDL) Cholesterol	See final laboratory report
Lymphocyte Subset Enumeration (CD4 /CD8-Lymphocyte Count)	See final laboratory report
Malaria	Malaria not found in a normal healthy population
Measles Serology	Negative in a normal healthy population
Meningitis, Meningococcal (Culture & Serotyping) <i>Neisseria meningitides</i>	Meningitis not found in a normal healthy population
Molds	Mold not found in a normal healthy population
<i>Murine Typhus</i> , Antibody	Not detected in a normal healthy population
Mycobacteria, Culture	Mycobacteria not found in a normal healthy population
Mycobacteria, Drug Susceptibility (DST) (See Mycobacteria, culture)	Mycobacteria not found in a normal healthy population
Newborn Screening	See final laboratory report
Nocardia, Culture	Nocardia not found in a normal healthy population not found in a normal healthy population
Norovirus	Negative in a normal healthy population

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Paratyphoid, Culture & Serotyping	Paratyphoid not found in a normal healthy population
Pertussis, Culture (Whooping Cough)	<i>Bordetella pertussis</i> not found in a normal healthy population
Phosphorus	See final laboratory report
Pinworm	Negative in a normal healthy population
Potassium	See final laboratory report
Protozoa	Protozoa not found in a normal healthy population
Q-Fever ( <i>Coxiella burnetii</i> )	<i>Coxiella burnetii</i> not found in a normal healthy population
Renal Function Panel	See final laboratory report
Respiratory Panel	Negative in a normal healthy population
Rickettsia, Antibody	Not detected in a normal healthy population
Ringworm	Ringworm not found in a normal healthy population
Rocky Mountain Spotted Fever, Antibody	Not detected in a normal healthy population
Roundworm	Roundworm not found in a normal healthy population
Rubella (German Measles)	Negative in a normal healthy population
Rubeola (Red Measles)	Negative in a normal healthy population
<i>Salmonella</i> , Culture	<i>Salmonella</i> not found in a normal healthy population
<i>Salmonella</i> , Serotyping	<i>Salmonella</i> not found in a normal healthy population
SARS-CoV-2	Negative in a normal healthy population
Scabies	Scabies not found in a normal healthy population
<i>Shigella</i> , Culture	<i>Shigella</i> not found in a normal healthy population
<i>Shigella</i> , Serotyping	<i>Shigella</i> not found in a normal healthy population
Smallpox	Negative in a normal healthy population
Sodium	See final laboratory report
<i>Strongyloides</i>	<i>Strongyloides</i> not found in a normal healthy population
Syphilis Testing, (Syphilis Screen, RPR, TP-PA)	Non-reactive in a normal healthy population
T4/ TSH, Adult	See final laboratory report
Tapeworm	Tapeworm not found in a normal healthy population
Thyroid Profile	See final laboratory report
Total Iron Binding Capacity/ Unbound Iron Binding Capacity (TIBC/UIBC)	See final laboratory report
Total Protein	See final laboratory report
Trichinosis	Trichinosis not found in a normal healthy population

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<i>Trichuris</i>	<i>Trichuris</i> not found in a normal healthy population
Triglycerides	See final laboratory report
Tuberculosis	Tuberculosis not found in a normal healthy population
Tularemia ( <i>Francisella tularensis</i> )	<i>Francisella tularensis</i> not found in a normal healthy population
Typhoid	Typhoid not found in a normal healthy population
Uric Acid	See final laboratory report
Urine, Culture Sensitivity	Isolates not found in a normal healthy population
Varicella zoster virus (Chicken Pox)	Varicella zoster virus not found in a normal healthy population
<i>Vibrio cholerae</i> , Serotyping	<i>Vibrio cholerae</i> not found in a normal healthy population
Viral Load, HIV	HIV not detected in a normal healthy population
West Nile Virus, Human Serology	West Nile Virus is not found in a normal healthy population
Whooping Cough	<i>Bordetella pertussis</i> not found in a normal healthy population
Yeast, Culture	Yeast is not found in a normal healthy population
<i>Yersinia pestis</i>	<i>Yersinia pestis</i> not found in a normal healthy population
<i>Yersinia</i> , Culture	<i>Yersinia</i> is not found in a normal healthy population