



ACCREDITATION
CANADA

Diagnostics
Scope of Accreditation
Grand River Hospital

Site Information

Owner: Grand River Hospital Corporation

Owner Address: 835 King Street West
KITCHENER, ON N2G 1G3
CANADA

Site Address: 835 King Street West
KITCHENER, ON N2G 1G3
CANADA

Certification:

Version: Version 8

Issue Date: October 5, 2021

Classification: 4-Yr Certificate Issued

Expiry Date: November 15, 2025

Site Information



ISO 15189 *Plus*[™]
Accredited
Medical Laboratory



Accreditation Canada
Diagnostics accredits the
capability of the named
testing facility to perform the
listed tests.

Bacteriology

Antibiotic level, serum

Antibiotic sensitivity - M.I.C.*

Cultures - blood (including aerobic, anaerobic, subcultures, smears)*



ACCREDITATION
CANADA

Diagnostics
Scope of Accreditation
Grand River Hospital

Cultures - cervical, vaginal, including GC culture, Gram smear, yeast identification (e.g. Germ tube)*

Cultures - fluids (CSF, joint, pleural etc. not exudates)*

Cultures - GC culture and smear*

Cultures - other swabs or pus-culture and smear*

Cultures - sputum-culture and smear*

Cultures - stool culture, including the necessary agglutinations and culture for campylobacter*

Cultures - throat swab, for streptococcus screen only*

Cultures - urine calibrated volume to include plate, turbidimetric or photometric techniques*

Penicillinase production*

Smear only, Gram or Papanicolaou stain*

Streptococcus grouping, coagglutination method*

Wet preparation (for fungus, trichomonas, parasites)*

Biochemistry

Acetaminophen*

Acetone, qualitative*

Albumin, quantitative*

Alcohol, ethyl - quantitative*

Ammonia*

Amylase*

Bilirubin, conjugated*

Bilirubin, total*

Calcium ionized*

Calcium*

Carbamazepine, quantitative (Tegretol)*

Carboxyhemoglobin*

Chloride (sweat)*

Chloride*

Cholesterol, total*

CO₂ Content, CO₂ combining power, bicarbonate (measured not calculated)*

Creatine Phosphokinase*

Creatinine clearance*

Creatinine*

Drugs of abuse screen, urine*



ACCREDITATION
CANADA

Diagnostics
Scope of Accreditation
Grand River Hospital

Foetal Fibronectin
Gamma glutamyl transpeptidase*
Glucose tolerance test in pregnancy*
Glucose tolerance test*
Glucose, quantitative - not by dipstick*
Glucose, semi-quantitative (dipstick if read with reflectance meter)*
Glycosylated hemoglobin - Hgb A1*
High density lipoprotein cholesterol*
Iron, total - with iron binding capacity and percent saturation*
Lactic acid (lactate)*
Lactic dehydrogenase (L.D.H.), total*
Lipase*
Lithium*
Magnesium*
Methemoglobin*
Occult blood*
Osmolality (osmolarity)*
pCO₂, pO₂ and pH in combination*
pH*
Phosphatase, alkaline*
Phosphorus (inorganic phosphate)*
Potassium*
Prostate Specific Antigen (PSA), Total
Protein, total*
Salicylate, quantitative*
SGOT (AST)*
SGPT (ALT)*
Sodium*
Triglycerides*
Troponin
Urea nitrogen (B.U.N.)*
Uric acid (urate)*
Urinalysis, microscopic examination of centrifuged specimen*



ACCREDITATION
CANADA

Diagnostics
Scope of Accreditation
Grand River Hospital

Urinalysis, routine chemical (any of S.G., pH, protein, sugar, hemoglobin, ketones, urobilinogen, bilirubin, l...trate)*

Valproic acid (valproate)*

Cytology

Aspiration biopsy (lung, breast, thyroid, etc.)*

Bronchial washings or brushings*

Cervicovaginal Specimen (monolayer cell methodology)

Direct smears - oral, larynx, nipple discharge, vulvar*

Esophageal, gastric or endometrial washings or brushings*

Fluids (pleural, ascitic, cyst, aspirate, pericardial, joint, CSF, and urine)*

Sputum per specimen for general and/or specified assessment (e.g. cellular abnormality, asbestos bodies, lipid... etc.)*

Hematology

Bone marrow - film preparation*

Bone marrow - staining (Romanowski and iron)*

C.S.F. cell count (to include differential)*

Circulating anticoagulant (e.g. lupus anticoagulant)*

Complete Blood Count (any method)*

Fibrin split products, quantitative*

Fibrinogen, quantitative*

Haptoglobin*

Heparin assay*

Kleihauer stain*

Partial thromboplastin time*

Prothrombin time*

Reticulocyte count*

Sickle cell solubility test (screen)*

Thrombin time*

Histology (Pathology)

HER2/neu

Immunoperoxidase technique - per label*

Operative consultation - for each specimen over 3*

Operative consultation - with or without frozen section*



ACCREDITATION
CANADA

Diagnostics
Scope of Accreditation
Grand River Hospital

Surgical pathology*

Immunoassays

Aminoglycosides (e.g. gentamicin, tobramycin)*
Aminophylline (theophylline)*
Diphenylhydantoin (phenytoin), quantitative (dilantin)*
Ferritin*
HCG (human chorionic gonadotrophins)*
RBC (red blood cell) folate, to include hematocrit
T-3, free*
T4, free - absolute (includes T-4 total)*
TSH (thyroid stimulating hormone)*
Vitamin B12*

Immunoematology

Antibody identification - per specimen*
Antibody screening*
Antibody titre per antibody, per specimen*
Blood Group - ABO and Rh Phenotype*
Blood Group - ABO and RhD*
Blood Group per antigen*
Crossmatch per unit of blood*
Direct anti-human globulin test*
Parallel titration on two specimens to include confirmation of previously detected antibody*

Immunology

Agglutination Reaction - Screen (e.g. Rheumatoid factor, Antithyroid [thyroglobulin or microsomal], Streptolysin)*
Agglutination Reaction - Titre - serial tube, single antigen*
C-Reactive protein*
CA 125
Complement proteins - C3(B1C)*
Complement proteins - C4(B1E)*
Concentration of sample before testing (any method)*
Cryoglobulin - qualitative*
Free Light Chains (FLC)



ACCREDITATION
CANADA

Diagnostics
Scope of Accreditation
Grand River Hospital

Heterophile antibodies - screen (slide or single tube) - with or without absorption*

Miscellaneous proteins - Transferrin*

Non-cultural direct bacterial antibody or antigen assays by fluorescence, agglutination or ELISA techniques*

Non-cultural indirect antibody or antigen assays by fluorescence, agglutination or ELISA techniques*

Pregnancy test*

Single gel diffusion and nephelometric quantitative assays - Immunoglobulin G, A, D, M*

Virology

COVID-19 (SARS-CoV-2)