



Site Information

Owner: Grand River Hospital Corporation

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

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Certification:

Issue Date: October 5, 2021 **Version 8**

Expiry Date: November 15, 2025

Scope of Accreditation Updated: October 24, 2023

Site Information



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

Biochemistry

L001 Acetone, qualitative

L005 Albumin, quantitative

L006 Alcohol, ethyl - quantitative

L015 Ammonia

L018 Amylase

L030 Bilirubin, total

L031 Bilirubin, conjugated

L034 pH



L035 pCO₂, pO₂ and pH in combination
L040 Carbamazepine, quantitative (Tegretol)
L045 Calcium
L046 Calcium ionized
L053 Chloride
L054 Chloride (sweat)
L055 Cholesterol, total
L059 Acetaminophen
L060 Carboxyhemoglobin
L061 CO₂ Content, CO₂ combining power, bicarbonate (measured not calculated)
L066 Creatine Phosphokinase
L067 Creatinine
L068 Creatinine clearance
L078 Drugs of abuse screen, urine
L093 Glycosylated hemoglobin - Hgb A1
L103 Glucose tolerance test in pregnancy
L104 Glucose tolerance test
L107 Gamma glutamyl transpeptidase
L111 Glucose, quantitative - not by dipstick
L112 Glucose, semi-quantitative (dipstick if read with reflectance meter)
L117 High density lipoprotein cholesterol
L139 Iron, total - with iron binding capacity and percent saturation
L145 Lactic acid (lactate)
L146 Lactic dehydrogenase (L.D.H.), total
L150 Lipase
L157 Lithium
L165 Magnesium
L172 Methemoglobin
L181 Occult blood
L183 Osmolality (osmolarity)
L191 Phosphatase, alkaline
L194 Phosphorus (inorganic phosphate)
L204 Potassium
L208 Protein, total
L221 Salicylate, quantitative
L222 SGOT (AST)
L223 SGPT (ALT)
L226 Sodium
L243 Triglycerides



L251 Urea nitrogen (B.U.N.)
L252 Uric acid (urate)
L253 Urinalysis, routine chemical (any of S.G., pH, protein, sugar, hemoglobin, ketones, urobilinogen, bilirubin, leukocyte esterase, nitrate)
L254 Urinalysis, microscopic examination of centrifuged specimen
L257 Valproic acid (valproate)
L304 Aminoglycosides (e.g. gentamicin, tobramycin)
L308 Serum folate
L309 RBC (red blood cell) folate, to include hematocrit
L318 HCG (human chorionic gonadotrophins)
L321 Aminophylline (theophylline)
L324 Diphenylhydantoin (phenytoin), quantitative (dilantin)
L329 Ferritin
L330 Parathyroid hormone
L339 T4, free - absolute (includes T-4 total)
L341 TSH (thyroid stimulating hormone)
L345 Vitamin B12
L358 Prostate Specific Antigen (PSA), Total
L607 T-3, free
U097 Prostate Specific Antigen (PSA), Total
U116 Troponin
U435 Foetal Fibronectin

Cytology

L705 Aspiration biopsy (lung, breast, thyroid, etc.)
L706 Bronchial washings or brushings
L708 Esophageal, gastric or endometrial washings or brushings
L710 Direct smears - oral, larynx, nipple discharge, vulvar
L711 Fluids (pleural, ascitic, cyst, aspirate, pericardial, joint, CSF, and urine)
L716 Sputum per specimen for general and/or specified assessment (e.g. cellular abnormality, asbestos bodies, lipid, hemosiderin, etc.)
L733 Cervicovaginal Specimen (monolayer cell methodology)

Hematology

L378 Bone marrow - film preparation
L379 Bone marrow - staining (Romanowski and iron)
L386 Circulating anticoagulant (e.g. lupus anticoagulant)
L391 C.S.F. cell count (to include differential)
L393 Complete Blood Count (any method)
L398 Reticulocyte count
L402 Fibrinogen, quantitative
L405 Fibrin split products, quantitative



L415 Haptoglobin
L425 Heparin assay
L431 Kleihauer stain
L445 Prothrombin time
L453 Sick cell solubility test (screen)
L460 Thrombin time
L462 Partial thromboplastin time

Histology (Pathology)

L720 Surgical pathology
L721 Operative consultation - with or without frozen section
L722 Operative consultation - for each specimen over 3
L731 Immunoperoxidase technique - per label
U363 HER2/neu

Immunohematology

L471 Antibody identification - per specimen
L473 Parallel titration on two specimens to include confirmation of previously detected antibody
L481 Antibody titre per antibody, per specimen
L482 Antibody screening
L490 Blood Group - ABO and RhD
L492 Crossmatch per unit of blood
L493 Blood Group - ABO and Rh Phenotype
L494 Blood Group per antigen
L495 Direct anti-human globulin test

Immunology

L500 Agglutination Reaction - Screen (e.g. Rheumatoid factor, Antithyroid [thyroglobulin or microsomal], Streptolysin)
L501 Agglutination Reaction - Titre - serial tube, single antigen
L550 Single gel diffusion and nephelometric quantitative assays - Immunoglobulin G, A, D, M
L551 Complement proteins - C3(B1C)
L552 Complement proteins - C4(B1E)
L554 Miscellaneous proteins - Transferrin
L600 Cryoglobulin - qualitative
L610 Concentration of sample before testing (any method)
L655 Pregnancy test
L665 C-Reactive protein
L667 Non-cultural direct bacterial antibody or antigen assays by fluorescence, agglutination or ELISA techniques
L668 Heterophile antibodies - screen (slide or single tube) - with or without absorption
L683 Non-cultural indirect antibody or antigen assays by fluorescence, agglutination or ELISA techniques
U029 CA 125



U718 Free Light Chains (FLC)

Microbiology

L623 Antibiotic sensitivity - M.I.C.

L624 Cultures - blood (including aerobic, anaerobic, subcultures, smears)

L625 Cultures - cervical, vaginal, including GC culture, Gram smear, yeast identification (e.g. Germ tube)

L627 Cultures - GC culture and smear

L628 Cultures - other swabs or pus-culture and smear

L629 Cultures - sputum-culture and smear

L630 Cultures - stool culture, including the necessary agglutinations and culture for campylobacter

L634 Cultures - urine calibrated volume to include plate, turbidimetric or photometric techniques

L638 Streptococcus grouping, coagglutination method

L639 Cultures - fluids (CSF, joint, pleural etc. not exudates)

L640 Cultures - throat swab, for streptococcus screen only

L643 Smear only, Gram or Papanicolaou stain

L653 Wet preparation (for fungus, trichomonas, parasites)

L656 Penicillinase production

U970 COVID-19 (SARS-CoV-2)