

MEDICAL LABORATORY ACCREDITATION PROGRAM

Scope of Accreditation

Accredited Laboratory No. 638

Legal Name of Accredited Laboratory: **Dynacare (formerly Gamma-Dynacare Medical Laboratories)**

Contact name: Andrée Reid

Address: 4800/4850 Dobrin, bureau 100 Montréal, QC, H4R 2P8

Telephone: 514 486 2299 poste 3136

Fax: 514 787 6270

Website: <https://www.dynacare.ca/>

Email: reida@dynacare.ca

SCC File Number:	15798
Provider:	BNQ-EL
Provider File Number:	37987-1
Accreditation Standard(s):	ISO/IEC 15189: 2012
Population:	All interested parties
Program Specialty Area:	Medical
Initial Accreditation:	2008-08-15
Most Recent Accreditation:	2022-01-27
Accreditation Valid to:	2024-08-15

*Remarque: La présente portée d'accréditation existe également en français, celle-ci est publiée séparément.
Note: This scope of accreditation is also available in French as a separately issued document.*

SCOPE OF ACCREDITATION

- 01.0 BIOCHEMISTRY
 - 01.1 BIOCHEMISTRY - GENERAL
 - 01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY
 - 01.3 BIOCHEMISTRY – URINE TESTING
- 02.0 MOLECULAR BIOLOGY
- 03.0 HEMATOLOGY
 - 03.1 COAGULATION
- 04.0 MICROBIOLOGY

DETAILS OF SCOPE OF ACCREDITATION

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
01.0 BIOCHEMISTRY	01.1 BIOCHEMISTRY - GENERAL	Uric acid	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary uric acid	Enzymatic colorimetry	Urine
	01.1 BIOCHEMISTRY - GENERAL	Valproic acid	Spectrophotometry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Albumin	Colorimetry (bromocresol green)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urine albumin to creatinine ratio	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	ALT (Alanine aminotransferase)	Photometry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Amphetamines	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Amylase	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Tricyclic antidepressants (TCA)	Immunoassay	Urine
	01.1 BIOCHEMISTRY - GENERAL	Apolipoprotein B	Turbidimetry (IA)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Aspartate aminotransferase	Photometry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Barbiturates	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Benzodiazepines	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Direct bilirubin	Photometry (diazo method)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Indirect bilirubin	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Total bilirubin	Photometry (diazo method)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Calcium	Photometry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary calcium	Photometry	Urine
	01.1 BIOCHEMISTRY - GENERAL	Cannabinoids	Agglutination	Urine
01.1 BIOCHEMISTRY - GENERAL	Unsaturated Iron-Binding Capacity (UIBC)	Photometry (FerroZine)	Serum	

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
	01.1 BIOCHEMISTRY - GENERAL	Total Iron-Binding Capacity (Calculated TIBC)	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Carbamazepine	Agglutination	Serum
	01.1 BIOCHEMISTRY - GENERAL	Chloride	Indirect potentiometry (ISE)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary chloride	Indirect potentiometry (ISE)	Urine
	01.1 BIOCHEMISTRY - GENERAL	Cholesterol	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	HDL cholesterol	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	LDL cholesterol (calculated)	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Non-HDL cholesterol	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	VLDL cholesterol	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Creatinine clearance	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Cocaine	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Cotinine	Immunoassay	Urine
	01.1 BIOCHEMISTRY - GENERAL	Creatine kinase	Immunoassay	Serum
	01.1 BIOCHEMISTRY - GENERAL	Creatinine	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary creatinine	Enzymatic colorimetry	Urine
	01.1 BIOCHEMISTRY - GENERAL	CRP (C-reactive protein)	Turbidimetry (IA)	Serum
	01.1 BIOCHEMISTRY - GENERAL	CRPhs (High Sensitive)	Turbidimetry (IA)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Bicarbonate	Photometry (NADH)	Serum
	01.1 BIOCHEMISTRY - GENERAL	eGFR	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Ethanol	Agglutination	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary ethanol	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Rheumatoid Factor (RF)	Turbidimetry (IA)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Iron	Colorimetry (FerroZine)	Serum
	01.1 BIOCHEMISTRY - GENERAL	GGT (Gamma-Glutamyltransferase)	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Glucose	Photometry	Plasma / Serum
	01.1 BIOCHEMISTRY - GENERAL	HbA1c	Immunoassay (TINIA)	Plasma EDTA
	01.1 BIOCHEMISTRY - GENERAL	Lactate dehydrogenase	Photometry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Lipase	Enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Lithium	Colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Magnesium	Colorimetry (xylydyl blue)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary magnesium	Colorimetry (xylydyl blue)	Urine
	01.1 BIOCHEMISTRY - GENERAL	Methadone	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Methaqualone	Agglutination	Urine

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
	01.1 BIOCHEMISTRY - GENERAL	Microalbuminuria	Turbidimetry (IA)	Urine
	01.1 BIOCHEMISTRY - GENERAL	Opiates	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Phencyclidine	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Phenytoin	Agglutination	Serum
	01.1 BIOCHEMISTRY - GENERAL	Alkaline phosphatase	Colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Phosphorus	Photometry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary phosphorus	Photometry	Urine
	01.1 BIOCHEMISTRY - GENERAL	Potassium	Indirect potentiometry (ISE)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary potassium	Indirect potentiometry (ISE)	Urine
	01.1 BIOCHEMISTRY - GENERAL	Saturation percentage (calculated)	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Propoxyphene	Agglutination	Urine
	01.1 BIOCHEMISTRY - GENERAL	Total proteins	Colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary proteins	Turbidimetry	Urine
	01.1 BIOCHEMISTRY - GENERAL	Urine protein to creatinine ratio	Calculation	
	01.1 BIOCHEMISTRY - GENERAL	Sodium	Indirect potentiometry (ISE)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urinary sodium	Indirect potentiometry (ISE)	Urine
	01.1 BIOCHEMISTRY - GENERAL	Transferrin	Turbidimetry (IA)	Serum
	01.1 BIOCHEMISTRY - GENERAL	Triglycerides	enzymatic colorimetry	Serum
	01.1 BIOCHEMISTRY - GENERAL	Urea/BUN	Photometry	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Folic acid	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Alpha-fetoprotein	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Anti-HBc (CORE)	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Anti-HBc (IgM)	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Anti-HBs (AUSAB)	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Free PSA (Prostate-specific antigen)	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	PSA ratio	Calculation	
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Total PSA	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Quantitative Beta-HCG	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	CA125	Chemiluminescence	Serum

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	CEA	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	CK-MB	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	CK-MB to creatine kinase ratio	Calculation	
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Cortisol	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	DHEA-S	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Ferritin	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	FSH	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	HAVAb IgG	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	HBsAg	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Hepatitis A IgM	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Insulin	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	LH	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Estradiol	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Parathormone (PTH)	Chemiluminescence	
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Progesterone	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Prolactin	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Rubella IgG	Chemiluminescence (CMIA)	Serum
	01.2 ENDOCRINOLOGIE/ IMMUNOLOGIE	SARS-COV2 NP Ac	Chemiluminescence	Serum
	01.2 ENDOCRINOLOGIE/ IMMUNOLOGIE	SARS-COV2 Spike Ac	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	SHBG (Sex hormone binding globulin)	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Syphilis TP (CMIA)	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Free T3	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Total T3	Chemiluminescence	Serum

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Free T4	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Calculated bioavailable testosterone	Calculation	
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Free testosterone (calculated)	Calculation	
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Total Testosterone	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	TSH	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	HCV	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	HIV	Chemiluminescence (CMIA)	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Vitamin B12	Chemiluminescence	Serum
	01.2 BIOCHEMISTRY - ENDOCRINOLOGY/IMMUNOLOGY	Vitamin D25	Chemiluminescence (CMIA)	Serum
	01.3 BIOCHEMISTRY – URINE TESTING	Appearance	Reflectance spectroscopy	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Bilirubin	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Ketone	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Color	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Glucose	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Specific gravity	Reflectance spectroscopy	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Leucocytes	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Urinary microscopy (Bacteria, Candida, Sperm, Trichomonas, Epithelial cells, Kidney cells, Crystals, Cylinders, White blood cells, Clusters of white blood cells, Red blood cells, Mucus)	Count and microscopic identification of components	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Nitrite	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	pH	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Protein	Reflectance spectroscopy and reagent	Urine

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
	01.3 BIOCHEMISTRY – URINE TESTING	Blood	Reflectance spectroscopy and reagent	Urine
	01.3 BIOCHEMISTRY – URINE TESTING	Urobilinogen	Reflectance spectroscopy and reagent	Urine
02.0 MOLECULAR BIOLOGY	S.O.	Chlamydia	TAAN	Swab / Urine
	S.O.	Gonorrhea	TAAN	Swab / Urine
	S.O.	Trichomonas	TAAN	Swab / Urine
03.0 HÉMATOLOGY	S.O.	Absolute basophil	Calculation	
	S.O.	Relative basophile	VSC (volume, conductivity, light scatter)	Whole blood (EDTA)
	S.O.	MCHC	Calculation	
	S.O.	RDW	Impedance	Whole blood (EDTA)
	S.O.	Absolute eosinophil	Calculation	
	S.O.	Relative eosinophil	VSC (volume, conductivity, light scatter)	Whole blood (EDTA)
	S.O.	Hematocrit	Calculation	
	S.O.	Hemoglobin	Photometric	Whole blood (EDTA)
	S.O.	Absolute lymphocyte	Calculation	
	S.O.	Relative lymphocyte	VSC (volume, conductivity, light scatter)	Whole blood (EDTA)
	S.O.	Absolute monocyte	Calculation	
	S.O.	Relative monocyte	VSC (volume, conductivity, light scatter)	Whole blood (EDTA)
	S.O.	Absolute neutrophil	Calculation	
	S.O.	Relative neutrophil	VSC (volume, conductivity, light scatter)	Whole blood (EDTA)
	S.O.	White blood cell count	Impedance	Whole blood (EDTA)
	S.O.	Red blood cell count	Impedance	Whole blood (EDTA)
	S.O.	Platelet count	Impedance	Whole blood (EDTA)
	S.O.	Absolute reticulocyte	VSC (volume, conductivity, light scatter)	Whole blood (EDTA)
	S.O.	Sedimentation	Capillary photometry	Whole blood (Fluor/Oxalate)
	S.O.	MCH	Calculation	
	S.O.	MCV	Impedance	Whole blood (EDTA)
	S.O.	MPV	Impedance	Whole blood (EDTA)
	03.1 COAGULATION	Fibrinogen	Enzymatic (Thrombin)	Whole blood (EDTA)
03.1 COAGULATION	Activated partial thromboplastin time (aPTT)	Coagulation time with phospholipids et calcium chloride	Whole blood (Fluor/Oxalate)	
03.1 COAGULATION	Prothrombin time (PT)	Coagulation time with thromboplastin	Whole blood (Fluor/Oxalate)	

Discipline	Sub-discipline	Analytical parameter	Analytical principle	Matrix (sample)
04.0 MICROBIOLOGY	S.O.	ASLO or ASO	Turbidimetric	Serum
	S.O.	Clostridium difficile tox A/B	Immunoenzymatic (EIA)	Stools (sterile container)
	S.O.	Cervical culture	Bacterial identification	Uterine cervix (Amies swab)
	S.O.	Throat culture	Bacterial identification	Throat (Amies swab)
	S.O.	General culture (pus, synovial fluid and others)	Bacterial identification	Specify the source (Amies swab or sterile container for synovial and seminal fluid)
	S.O.	Stools culture	Bacterial identification	Stools (Copan container with transport medium for enteric pathogens)
	S.O.	Group B Strep culture	Identified Group B Streptococcus	Vagino-rectal (Amies swab)
	S.O.	Nose culture	Bacterial identification	Nose (Amies swab)
	S.O.	Urethral culture	Bacterial identification	Urethra (Amies swab)
	S.O.	Urinary culture	Bacterial identification	Urine (sterile container)
	S.O.	Vaginal culture	Bacterial identification	Vaginal (Amies swab)
	S.O.	Group A Strep screening	Immunologic	Throat (Stuart swab)
	S.O.	FIT	Detection of blood in the stools (immunochemical test)	Stools
	S.O.	Qualitative HCG	Immunoassay	Urine
	S.O.	Mononucleosis	Agglutination	Serum
	S.O.	Post vasectomy sperm count	Count	Semen
	S.O.	Pinworms	Identified Enterobius vermicularis	Skin around the rectum (pinworms detection kit)
	S.O.	MRSA	Identified methicillin-resistant Staphylococcus aureus	Specify the source (Amies swab)
	S.O.	Sperm analysis	Count and microscopic identification of components	Semen
	S.O.	Syphilis RPR (VDRL)	Agglutination	Serum

Notes

ISO 15189:2012: Medical laboratories — Requirements for quality and competence

POV-ASB: Accreditation Program Overview

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
Vice President, Accreditation Services
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