

Dynacare Laboratories Test Changes

New

COENZYME Q10	
Mnemonic	COENZQ10
CPT	82491
Test Code	3550575
Includes	
Synonyms	CoQ10, Ubiquinone
Specimen	Plasma Protected From Light
Volume	1.0 mL
Container	Dark Green (Sodium Heparin) Tube Chilled
Special Inst	PROTECT FROM LIGHT
Specimen Prep	Draw blood into CHILLED dark green-top tube. Keep unopened tube on ice before processing. Centrifuge* and transfer to an amber plastic transport tube within 45 minutes of collection. If amber tubes are unavailable, cover standard transport tube completely, top and bottom, with aluminum foil. Identify specimen with patient name directly on the container and on the outside of the aluminum foil. Secure with tape.
Storage	Freeze plasma in plastic amber-top on dry ice. Where dry ice is not available, the sample may be kept refrigerated or frozen -20 up to 3 days. After 3 days sample must be frozen at -70.
Transport Temp	Frozen
Method	High Performance Liquid Chromatography with Electrochemical Detection (HPLC-EC)
Rej Criteria	
Reference Value	0.37-2.20 µg/mL
Performed	Monday - Friday
Comments	

NOTE:

Storage Changed
Reference Value Changed

Old

COENZYME Q10	
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Specimen	Plasma Protected From Light
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Special Inst	PROTECT FROM LIGHT
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Storage	Freeze plasma in plastic amber-top on dry ice. Where dry ice is not available, the sample may be kept refrigerated or frozen -20 up to 3 days.
Transport Temp	Frozen
Method	High Performance Liquid Chromatography with Electrochemical Detection (HPLC-EC)
Rej Criteria	
Reference Value	0.37-2.20 μg/mL
Performed	Monday - Friday
Comments	

Dynacare Laboratories Test Changes

New

CYSTIC FIBROSIS EXPANDED PANEL 70

Mnemonic	CYSTIC FIB70
CPT	83891, 83892 x2, 83900, 83901 x19, 83912, 83914 x70
Test Code	3550226
Includes	
Synonyms	CF Expanded Profile
Specimen	Whole Blood
Volume	7.0 mL
Container	2 Lavender Top (EDTA) Tubes or 2 Yellow Top (ACD) Tubes
Special Inst	A completed Cystic Fibrosis Screening Questionnaire must accompany specimens. Contact Dynacare Reference Department (414-805-7645) for questionnaire.
Specimen Prep	Do NOT centrifuge.
Storage	Refrigerate
Transport Temp	Room Temperature
Method	DNA analysis of the CFTR gene is performed on the Tm Bioscience/Luminex Universal Array Platform using primer extension chemistry. Multiplex PCR amplifies DNA fragments containing the mutations. Primer extension then generates a biotin-labeled product that hybridizes to complementary, bead-immobilized probes to permit flow-sorted detection of both normal and mutation sequences. 5T variant analysis is performed automatically if R117H is positive. Polymorphisms F508C, 1506V, and 1507V are included in this panel to rule out false-positive deltaF508 homozygotes.
Rej Criteria	
Reference Value	Descriptive Report
Performed	Two times per week
Comments	

NOTE:

CPT Changed

Old

CYSTIC FIBROSIS EXPANDED PANEL 70

Mnemonic	CYSTIC FIB70
CPT	83891, 83892 x2, 83900, 83901 x68, 83912, 83914 x70
Test Code	3550226
Includes	
Synonyms	CF Expanded Profile
Specimen	Whole Blood
Volume	7.0 mL
Container	2 Lavender Top (EDTA) Tubes or 2 Yellow Top (ACD) Tubes
Special Inst	A completed Cystic Fibrosis Screening Questionnaire must accompany specimens. Contact Dynacare Reference Department (414-805-7645) for questionnaire.
Specimen Prep	Do NOT centrifuge.
Storage	Refrigerate
Transport Temp	Room Temperature
Method	DNA analysis of the CFTR gene is performed on the Tm Bioscience/Luminex Universal Array Platform using primer extension chemistry. Multiplex PCR amplifies DNA fragments containing the mutations. Primer extension then generates a biotin-labeled product that hybridizes to complementary, bead-immobilized probes to permit flow-sorted detection of both normal and mutation sequences. 5T variant analysis is performed automatically if R117H is positive. Polymorphisms F508C, 1506V, and 1507V are included in this panel to rule out false-positive deltaF508 homozygotes.
Rej Criteria	
Reference Value	Descriptive Report
Performed	Two times per week
Comments	

Dynacare Laboratories Test Changes

New

TISSUE TYPE PLASMINOGEN ACTIVATOR ANTIGEN

Mnemonic	TPA AG
CPT	85415
Test Code	3505075
Includes	
Synonyms	tPA Antigen
Specimen	Plasma
Volume	1.0 mL
Container	Light Blue Top (3.2% Sodium Citrate) Tube
Special Inst	For patients with hematocrits >55%, please see Specimen Collection and Handling - Coagulation Procedures or contact Dynacare Coagulation Department at 414-805-8428.
Specimen Prep	Double centrifuge* and transfer to a Purple Screw Cap Tube. FREEZE IMMEDIATELY and maintain frozen until tested.
Storage	Freeze
Transport Temp	Frozen
Method	Enzyme-Linked Immunosorbent Assay (ELISA)
Rej Criteria	
Reference Value	<14.1 ng/mL
Performed	One time per week
Comments	Submit separate frozen samples when requesting multiple tests on the same specimen.

NOTE:

Volume Changed
Specimen Prep Changed

Old

TISSUE TYPE PLASMINOGEN ACTIVATOR ANTIGEN

Mnemonic	TPA AG
CPT	85415
Test Code	3505075
Includes	
Synonyms	tPA Antigen
Specimen	Plasma
Volume	0.5 mL
Container	Light Blue Top (3.2% Sodium Citrate) Tube
Special Inst	For patients with hematocrits >55%, please see Specimen Collection and Handling - Coagulation Procedures or contact Dynacare Coagulation Department at 414-805-8428.
Specimen Prep	Centrifuge* and transfer to a Purple Screw Cap Tube. FREEZE IMMEDIATELY and maintain frozen until tested.
Storage	Freeze
Transport Temp	Frozen
Method	Enzyme-Linked Immunosorbent Assay (ELISA)
Rej Criteria	
Reference Value	
Performed	One time per week
Comments	Submit separate frozen samples when requesting multiple tests on the same specimen.

Dynacare Laboratories Test Changes

New

TRICHOMONAS VAGINALIS NUCLEIC ACID AMPLIFIED TEST (NAAT)

Mnemonic	TRICH NAAT
CPT	87798
Test Code	7000080
Includes	
Synonyms	Trichomonas DNA, Trich NAA
Specimen	Endocervical Swab; Urethral Swab; Male or Female Urine; Vaginal Swab
Volume	Urine: 20-30 mL
Container	GenProbe Aptima Unisex Swab Specimen Collection Kit; Gen-Probe Aptima Urine Specimen Collection Kit
Special Inst	Urine specimen may be submitted in a sterile urine collection cup, but must be received in the laboratory within 24 hours of collection. It is important to provide a first-catch urine specimen. Midstream urine used for urinalysis and culture is suboptimal for TRICH NAAT testing.
Specimen Prep	ENDOCERVICAL: Remove excess mucus from cervical os and surrounding mucosa using the cleaning swab from the Gen-Probe Aptima Unisex swab collection kit (white shaft swab in package with red printing). DISCARD THIS SWAB. Insert specimen collection swab (blue shaft swab in package with green printing) into endocervical canal. Gently rotate swab clockwise for 10 to 30 seconds in endocervical canal to ensure adequate sampling. Withdraw swab carefully, avoid any contact with vaginal mucosa. Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube. Carefully break swab shaft at scoreline, use care to avoid splashing contents. Re-cap swab specimen tube tightly.; VAGINAL: Insert specimen collection swab (blue shaft swab in package with green printing) into vagina about 2 inches (5 cm) past the introitus. Gently rotate swab clockwise for 10 to 30 seconds in the vagina making sure to touch the walls of the vagina to ensure adequate sampling. Withdraw swab carefully, avoid any contact with the skin. Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube. Carefully break swab shaft at scoreline, use care to avoid splashing contents. Re-cap swab specimen tube tightly.; MALE URETHRAL SWAB: The patient should not have urinated for at least one hour prior to specimen collection. Insert the specimen collection swab (blue shaft swab in the package with the green printing) 2-4 cm into the urethra. Gently rotate the swab clockwise for two to three seconds in the urethra to ensure adequate sampling. Withdraw the swab carefully. Remove the cap from the swab specimen transport tube and immediately place the specimen collection swab into the specimen transport tube. Carefully break the swab shaft at the scoreline; use care to avoid splashing of contents. Recap the swab specimen transport tube tightly. MALE or FEMALE URINE: Patient should not have urinated for at least 1 hour prior to specimen collection. Direct patient to provide first-catch urine (approximately 20 to 30 mL of initial urine stream) into urine collection cup free of any preservatives. Collection of larger volumes of urine may result in specimen dilution

Old

TRICHOMONAS VAGINALIS NUCLEIC ACID AMPLIFIED TEST (NAAT)

Mnemonic	TRICH NAAT
CPT	87798
Test Code	7000080
Includes	
Synonyms	Trichomonas DNA, Trich NAA
Specimen	Female Endocervical or Vaginal Swab, Male Urethral Swab
Volume	
Container	GenProbe Aptima Unisex Swab Specimen Collection Kit
Special Inst	
Specimen Prep	ENDOCERVICAL: Remove excess mucus from cervical os and surrounding mucosa using the cleaning swab from the Gen-Probe Aptima Unisex swab collection kit (white shaft swab in package with red printing). DISCARD THIS SWAB. Insert specimen collection swab (blue shaft swab in package with green printing) into endocervical canal. Gently rotate swab clockwise for 10 to 30 seconds in endocervical canal to ensure adequate sampling. Withdraw swab carefully, avoid any contact with vaginal mucosa. Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube. Carefully break swab shaft at scoreline, use care to avoid splashing contents. Re-cap swab specimen tube tightly.; VAGINAL: Insert specimen collection swab (blue shaft swab in package with green printing) into vagina about 2 inches (5 cm) past the introitus. Gently rotate swab clockwise for 10 to 30 seconds in the vagina making sure to touch the walls of the vagina to ensure adequate sampling. Withdraw swab carefully, avoid any contact with the skin. Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube. Carefully break swab shaft at scoreline, use care to avoid splashing contents. Re-cap swab specimen tube tightly.; MALE URETHRAL SWAB: The patient should not have urinated for at least one hour prior to specimen collection. Insert the specimen collection swab (blue shaft swab in the package with the green printing) 2-4 cm into the urethra. Gently rotate the swab clockwise for two to three seconds in the urethra to ensure adequate sampling. Withdraw the swab carefully. Remove the cap from the swab specimen transport tube and immediately place the specimen collection swab into the specimen transport tube. Carefully break the swab shaft at the scoreline; use care to avoid splashing of contents. Recap the swab specimen transport tube tightly.

that may reduce test sensitivity. Female patients should not cleanse labial area prior to providing specimen. Remove cap from Gen-Probe Aptima urine specimen transport tube and transfer 2.0 mL of urine into urine specimen transport tube using disposable pipette provided. The correct volume of urine has been added when fluid level is between black fill lines on urine specimen transport tube label. Recap urine specimen transport tube tightly.

Storage Room Temperature
Transport Temp Room Temperature
Method Transcription Mediated Amplification (TMA)
Rej Criteria
Reference Value Negative
Performed One time per week
Comments Trichomonas vaginalis testing can be performed on the same vaginal or cervical specimen collected for Neisseria gonorrhoeae (GC) and/or Chlamydia trachomatis (CT) testing

NOTE:

Specimen Changed
Volume Changed
Container Changed
Special Instructions Changed
Specimen Prep Changed

Storage Room Temperature
Transport Temp Room Temperature
Method Transcription Mediated Amplification (TMA)
Rej Criteria
Reference Value Negative
Performed One time per week
Comments Trichomonas vaginalis testing can be performed on the same vaginal or cervical specimen collected for Neisseria gonorrhoeae (GC) and/or Chlamydia trachomatis (CT) testing