Test Definition: PDHC

Pyruvate Dehydrogenase Complex (PDHC), Fibroblasts

Reporting Title: Pyruvate Dehydrogenase Comp, Fibro
Performing Location: Rochester

Specimen Requirements:

This test is not recommended for prenatal testing.

Forms:
1. 1. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.
2. 2. If not ordering electronically, submit a Biochemical Genetics Request Form (Supply T439) with the specimen.

Submit only 1 of the following specimens:

Specimen Type: Cultured fibroblasts
Container/Tube: T-75 or T-25 flask
Specimen Volume: 1 full T-75 flask or 2 full T-25 flasks
Specimen Stability Information: Ambient (preferred)/Refrigerated <24 hours

Specimen Type: Skin biopsy
Container/Tube: Sterile container with any standard cell culture media (eg, minimal essential media, RPMI 1640). The solution should be supplemented with 1% penicillin and streptomycin. Tubes can be supplied upon request (Eagle's minimum essential medium with 1% penicillin and streptomycin [Supply T115]).
Specimen Volume: 4-mm punch
Specimen Stability Information: Refrigerated (preferred)/Ambient

Specimen Type	Temperature	Time
Tissue	Varies	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
30023	Specimen	Alphanumeric		31208-2
30024	Specimen ID	Numeric		N/A
30025	Source	Alphanumeric		N/A
30026	Order Date	Alphanumeric		N/A
30027	Reason For Referral	Alphanumeric		42349-1
30028	Method	Alphanumeric		In Process
30029	PDHC, Activated	Numeric	mU/mg Prot	In Process

Result ID	Reporting Name	Type	Unit	LOINC®
30030	PDHC, Inactivated	Numeric	mU/mg Prot	In Process
30031	Interpretation	Alphanumeric		59462-2
30032	Amendment	Alphanumeric		In Process
30033	Reviewed By	Numeric		N/A
30034	Release Date	Alphanumeric		N/A

CPT Code: 1 × 82658

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
FIBR	Fibroblast Culture	1	88233	Yes	Yes
CRYOB	Cryopreserve for Biochem Studies	1	88240	Yes	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FIBR	8482	Fibroblast Culture	Alphanumeric		In Process
CRYOB	88832	Cryopreserve for Biochem Studies	Alphanumeric		N/A

Reference Values:

PDHC, ACTIVATED
Range: 1.63-3.61 mU/mg protein

PDHC, INACTIVATED
Range: 0.18-2.18 mU/mg protein
Reference values apply to all ages.