



**BIOCHEMICAL GENETICS LABORATORY
MITOCHONDRIAL MOLECULAR UNIT**

PEDIATRICS—CTF BLDG., ROOM B-213
212 DICKINSON STREET—SAN DIEGO, CA 92103
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PATIENTS NAME

DATE OF BIRTH

SEX: M F

ID #

INPATIENT

OUTPATIENT

UCSD BIOCHEMICAL GENETICS LAB USE	DATE/TIME RECEIVED	UCSD-BG LAB ID #	UCSD-BG LAB SAMPLE #
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PHYSICIAN INFORMATION REQUIRED FOR BILLING PURPOSES (NON COMPLIANCE COULD RESULTS IN A DELAY OF RESULTS)

REQUESTING PHYSICIAN	STATE LICENSE #	UPIN #
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RESULTS ADDRESS	BILLING ADDRESS (WE DO NOT BILL INSURANCE COMPANIES OR PATIENTS)
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TELEPHONE	FAX	TELEPHONE	FAX
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TEST REQUESTED

BLOOD	COLLECTION DATE	TIME	UCSD BIOCHEMICAL GENETICS LAB USE	UCSD SAMPLE #
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COLLECT 5-9 CC OF BLOOD IN A YELLOW (ACD) OR PURPLE (EDTA) TO TUBE .
SEND AT ROOM TEMPERATURE BY OVERNIGHT CARRIER.
SPECIMEN MUST BE RECEIVED WITHIN 48 HOURS OF COLLECTION. WE ARE CLOSED WEEKENDS AND HOLIDAYS
FOR LONGER STORAGE NEEDS, PLEASE CALL FOR INSTRUCTIONS.

MUSCLE	COLLECTION DATE	TIME	UCSD BIOCHEMICAL GENETICS LAB USE	UCSD SAMPLE #
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SEND 100-250 MG FLASH FROZEN MUSCLE ON DRY ICE BY OVERNIGHT CARRIER.

MITOCHONDRIAL DNA PANEL

(INCLUDES THE FOLLOWING)

POINT MUTATION

MELAS A3243G MERRF T8356C
MELAS T3271C NARP T8993G
MERRF A8344G NARP T8993C

SOUTHERN BLOT FOR DUPLICATION/DELETIONS
AND REARRANGEMENTS

DNA EXTRACTION

SOUTHERN BLOT

INDIVIDUAL POINT MUTATIONS

- MELAS A3243G , MELAS T3271C
- MERRF A8344G, MERRF T8356C
- NARP T8993G ,NARP T8993C

TO ASSIST IN INTERPRETATION

CLINICAL HISTORY

DIAG. CODE	DIAGNOSIS	DIAG. CODE	DIAGNOSIS	DIAG. CODE	DIAGNOSIS	DIAG. CODE	DIAGNOSIS	DIAG. CODE	DIAGNOSIS
276.2	ACIDOSIS	369.9	HEARING LOSS	271.8	HYPEROXALURIA	251.2	LOW GLUCOSE	435.9	STROKES
791.3	CARNITINE PALMITOYL TRANSFERASE	746.9	HEART DISEASE	251.2	HYPOGLYCEMIA	277.9	METABOLIC DISORDER	270.6	UREA CYCLE
780.01	COMA	270.6	HIGH AMMONIA	781.3	HYPOTONIA	270.3	MSUD	787.03	VOMITING
783.4	DEVELOPMENTAL DELAY	271.3	HIGH LACTATE	791.6	KETONURIA	270.1	PKU		
250.0	DIABETES	277.2	HPRT; LESCH-NYHAN	593.9	KIDNEY DISEASE	765.1	PREMATURE		
783.4	FAILURE TO THRIVE	270.6	HYPERAMMONEMIA	330.8	LEIGHS DISEASE	780.3	SEIZURES		

ANY RELEVANT INFORMATION: