University of Colorado at Denver and Health Sciences Center
Department of Pediatrics
Biochemical Genetics Laboratory

Instructions for glutaric acidemia type I (GA I)[1], glutaric acidemia type II (GA II, MADD)[2] and very long chain acyl-coenzyme A dehydrogenase deficiency (VLCADD) testing in fibroblasts:

[1] Glutaryl-CoA dehydrogenase (GCD) deficiency.
[2] Multiple Acyl-CoA Dehydrogenase Deficiency (MADD), electron-transfer flavoprotein/electron-transfer flavoprotein:ubiquinone oxidoreductase (ETF/ETF:QO) deficiency.

	Test	Price	CPT codes
GA I:	GCD enzyme assay	$400	82658
GA II:	ETF/ETF:QO combined assays…	$1500	
	…ETF/ETF:QO western blot immunoassays		83516
	…ETF/ETF:QO enzyme assays		82657
VLCADD:	ETF enzyme assay	$990	82657

- Please send two T-25 flasks containing confluent fibroblasts (with plug-seal caps, completely filled with media) in a Styrofoam box at room temperature. Fibroblasts must be mycoplasma free and grown only in fetal calf serum of U.S. origin.

- **NOTE: An additional fee of $460 will be charged for skin specimens that have not been cultured into confluent fibroblasts before shipment.**

- A test requisition form must be filled out for each patient and sent with the specimens (http://www.uchsc.edu/bglab/BGLreqform.html). Please also include the passage number (if known) and any relevant information about the patient.

Shipping address for GA I, GA II and VLCADD testing:

UCDHSC Biochemical Genetics Lab
Attn: Renata Collard
Building RC-1 North, Room P18-4403C
12800 East 19th Avenue
Aurora, CO 80045

Primary contact / tissue culture / records:
Renata Collard Phone: 303-724-3800
Email: Renata.Collard@uchsc.edu

GA I testing:
Dr. Stephen Goodman: Phone: 303-724-3826

GA II & VLCADD testing:
Dr. Frank Frerman: Phone: 303-724-3809

Department fax: 303-724-3838

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