

CIDEM - Center for Inherited Disorders of Energy Metabolism - Laboratory Services

TEST NAME	Free Fatty Acids
TEST CODE	FFA
LOINC	24461-6
CPT	82725
PANEL COMPONENTS	Free Fatty Acids
SYNONYMS	Nonesterified Free Fatty Acids; Fatty Acids, Free
TEST INDICATION	High free fatty acid levels and inappropriate low ketones for the degree of hypoglycemia indicate a defect in fatty acid oxidation.
METHOD DESCRIPTION	Quantitative colorimetric assay
COLLECTION	
SPECIMEN REQUIREMENTS	Collect 0.5-1 ml blood in an EDTA tube (lavender top), mix gently, and centrifuge as soon as possible after collection. Then transfer the plasma into a polypropylene tube and freeze.
SAMPLE	EDTA plasma
CONTAINER	EDTA lavender top
PREFERRED VOLUME	1.0 ml
MINIMUM VOLUME	500 µl
TRANSPORT	
SAMPLE	EDTA plasma
PREFERRED VOLUME	1.0 ml
MINIMUM VOLUME	500 µl
TEMPERATURE	Frozen on dry ice
HANDLING	The specimen of choice for this laboratory is EDTA plasma (plasma gel tube is NOT acceptable). Serum is acceptable if from a plain red top, no gel tube.
SHIPPING INSTRUCTIONS	Ship on dry ice
SPECIAL INSTRUCTIONS	Ship overnight
PERFORMED	UHCMC; Mon - Fri
TURN AROUND TIME	5-7 business days