

ASSAY TYPE	Sample Type(s)	CPT Code (s)	TAT	Amount required	Price
Free Fatty Acids (FFA)	Plasma	82725	7	500 µl	\$ 120
Hydroxybutyrate & Acetoacetate	Plasma	82010	7	200 µl	\$ 75
Ketoglutarate Dehydrogenase Complex (KDC)	Tissue (Muscle, Heart, Liver)	82658, 82657, 84157	15	50 mg	\$ 350
	ACD Blood for Lymphocytes	82658, 82657, 84157	15	see below	\$ 470
	Skin Fibroblasts	82658, 82657, 84157, 88233	20	2 T25	\$ 700*
Lactate and Pyruvate (L/P)	Deproteinized blood or CSF	83605, 84210	4	500 µl	\$ 75
Pyruvate Carboxylase (PC)	Liver	82658, 82657, 84157	15	50 mg	\$ 350
	Skin Fibroblasts	82658, 82657, 84157, 88233	20	2 T25	\$ 700*
Phosphoenolpyruvate Carboxykinase (PEPCK)	Liver	82658, 82657, 84157	15	50 mg	\$ 350
	Skin Fibroblasts	82658, 82657, 84157, 88233	20	2 T25	\$ 700*
(PC) & Methylcrotonyl-CoA Carboxylase (MCC)	Liver	82658x2, 82657, 84157	15	50 mg	\$ 550
	Skin Fibroblasts	82658x2, 82657, 84157, 88233	20	2 T25	\$ 900*
(PC) & Propionyl CoA Carboxylase (PCC)	Liver	82658x2, 82657, 84157	15	50 mg	\$ 550
	Skin Fibroblasts	82658x2, 82657, 84157, 88233	20	2 T25	\$ 900*
Pyruvate Dehydrogenase Complex (PDC)	Tissue (Muscle, Heart, Liver)	82658x2, 82657, 84157	15	50 mg	\$ 600
	ACD Blood for Lymphocytes	82658x2, 82657, 84157	15	see below	\$ 720
	Skin Fibroblasts	82658x2, 82657, 84157, 88233	20	2 T25	\$ 950*
SHIPPING and SAMPLE INSTRUCTIONS					
SKIN FIBROBLASTS:					
1) Ship only on dates reserved in advance. Please call to schedule. Ship at room temperature in non-vented flasks with sealed caps and/or parafilm.					
2) All cells received should be confirmed mycoplasma free. CIDEM will perform mycoplasma testing (@\$120) if test results do not accompany shipment.					
3) Punch biopsies are accepted for culture. Clean skin with betadine, remove betadine with alcohol. Place 3-4mm punch or incision biopsy in sterile HBSS or saline. *Additional charge for biopsy initiation and mycoplasma is \$400.					
BLOOD FOR LYMPHOCTYES:					
1) Ship only on dates reserved in advance. Please call before shipment. Ship at room temperature.					
2) Collect blood using sterile technique in yellow top ACD tube (A or B). Volumes need ed are: 5ml < 6mo old, 10ml >6 mo and < 6 yr, 20ml > 6yr					
3) Include additional 20ml sample of control blood from unrelated adult.					
TISSUE, PLASMA, DEPROTEINIZED BLOOD, CSF: Send on dry ice over night					
TAT (Turn around time) is in business days and upon receipt of sample					
CIDEM is open Monday through Friday, 8:30am – 5:00pm; closed weekends and holidays. Please ship samples Monday thru Wednesday.					