Hormone Assay Core Services

Radioimmunoassays (RIA)
- ACTH, aldosterone, corticosterone, cortisol, c-peptide, ghrelin, glucagon, growth hormone, insulin, leptin, progesterone, PYY, testosterone, T3 and T4

High Performance Liquid Chromatography (HPLC)
- amino acids, catecholamines (epinephrine & norepinephrine), creatinine, and purine nucleotides

Luminex multiplex assays
- human and mouse adipokine, cytokine/chemokine, metabolic hormones, IGF, immunology/inflammation, and pituitary assays

ELISA
- glucagon

Enzymatic
- glucose

Click here for more information

Publications / Citations

   › Primary publication · 26085570 (PubMed) · PMC4587648 (PubMed Central) · Added on 7/15/2015
   › Primary publication · 26015434 (PubMed) · PMC4504937 (PubMed Central) · Added on 7/30/2015
   › Primary publication · 25986700 (PubMed) · PMC4484635 (PubMed Central) · Added on 7/30/2015
   › Primary publication · 25901095 (PubMed) · PMC4542446 (PubMed Central) · Added on 7/30/2015
   › Primary publication · 25783892 (PubMed) · PMC4587587 (PubMed Central) · Added on 7/24/2015
   › Primary publication · 25765720 (PubMed) · PMC4408247 (PubMed Central) · Added on 7/30/2015
   › Primary publication · 25695946 (PubMed) · PMC4477350 (PubMed Central) · Added on 7/30/2015
Portal vein glucose entry triggers a coordinated cellular response that potentiates hepatic glucose uptake and storage in normal


23. Portal vein glucose entry triggers a coordinated cellular response that potentiates hepatic glucose uptake and storage in normal


MeSH Terms

- Acetaminophen
- Acryltransferases
- Adiposity
- Administration, Intravenous
- Adolescent
- Adult
- Aged
- Alleles
- Alprazolam
- Amino Acid Motifs
- Amino Acids
- Amino Acid Sequence
- Amino Acid Transport System ASC
- AMP-Activated Protein Kinases
- Animals
- Antidiuretic Hormone Receptor Antagonists
- Apolipoprotein B-100
- Arabidopsis Proteins
- Arousal
- Arterial Pressure
- Autoantigens
- Autonomic Nervous System
- Base Sequence
- Basic Helix-Loop-Helix Transcription Factors
- Bicycling
- Binding Sites
- Biocatalysis
- Biological Output
- Catalysis
- Catalytic Domain
- Cation Transport Proteins
- Cell Line
- Cell Line, Tumor
- Cell Nucleus
- Cells, Cultured
- Cecropithicus aethiops
- Chemokine CCL2
- Child
- Child Development Disorders, Pervasive
- Chloramphenicol O-Acetyltransferase
- Chromatin
- Chromosomes
- Chromosomes, Human, Pair 17
- Chronic Disease
- Cloning, Molecular
- Consciousness
- Conserved Sequence
- COS Cells
- Cricetinae
- Cyclic AMP
- Cyclic GMP
- Diabetes Mellitus
- Diabetes Mellitus, Experimental
- Diabetes Mellitus, Type 1
- Diabetes Mellitus, Type 2
- Diet, Fat-Restricted
- Diet, High-Fat
- Dietary Carbohydrates
- Dietary Fats
- Digestive System
- Disease Models, Animal
- DNA
- DNA, Complementary
- DNA-Binding Proteins
- DNA Mutational Analysis
- Dogs
- Dose-Response Relationship, Drug
- Eating
- Echocardiography
- Electrophoresis, Polyacrylamide Gel
- Endothelium, Vascular
- Endothelium-Dependent Relaxing Factors
- Energy Metabolism
- Enhancer Elements, Genetic
- Enteral Nutrition
- Enzyme Activators
- Epidermal Growth Factor
- Epinephrine
- Escherichia coli
- Estradiol
- Estrogen Receptor alpha
- Estrogens
- Exenatide
- Exercise
- Eye Proteins
- Fasting
- Fatty Liver
- Female
- Fibrinolysis
- Fructose
- G-Protein-Coupled Receptor Kinases
- GABA-A Receptor Agonists
- Gastric Emptying
- Gene Deletion
- Gene Expression
- Gene Expression Regulation
- Gene Expression Regulation, Enzymologic
- Genes, Reporter
- Glucagon
- Glucagon-Like Peptide-1 Receptor
- Glucagon-Secreting Cells
- Glucokinase
- Gluconeogenesis
- Glucose
- Glucose-6-Phosphatase
- Glucose-6-Phosphate
- Glucose Clamp Technique
- Glucose Intolerance
- Glucose Tolerance Test
- Glyburide
- Glyceraldehyde 3-Phosphate Dehydrogenase
- Glycogen
- Glycogen Metabolism
- Glycogen Synthase
- Glycolysis
- GTP-Binding Protein alpha Subunits, Gq-G11
- Heart
- HeLa Cells
- Hemodynamics
- Hepatocyte Nuclear Factor 1
- Hepatocyte Nuclear Factor 3-alpha
- Hepatocyte Nuclear Factor 3-beta
- Hepatocytes
- Heterozygote
- Homeodomain Proteins
- Hormones
- Human Growth Hormone
- Humans
- Hydrocortisone
- Hyperglycemia
- Hyperinsulinism
- Hyperphagia
- Hypoglycemia
- Hypoglycemic Agents
- Inflammation
- Inflammation Mediators
- Infusions, Intravenous
- Insulin
- Insulin-Receptor Binding Proteins
- Insulin Resistance
- Insulins
- Insulin Secretion
- Interleukin-6
- Introns
- Islets of Langerhans
- Kinetics
- Lactic Acid
- Large Neuronal Amino Acid-Transporter 1
- Leptin
- Lipid Metabolism
- Lipo-
- Liver
- Liver Lipid
- Luciferases
- Maf Transcription Factors, Large
- Male
- Methylation
- Mice
- Mice, Congenic
- Mice, Inbred C57BL
- Mice, Knockout
- Mice, Obese
- Mice, Transgenic
- Microbiota
- Microparticles
- Middle Aged
- Models, Animal
- Molecular Sequence Data
- Motivation
- Muscle, Skeletal
- Muscle Cells
- Muscles
- Mutagenesis, Site-Directed
- Mutation
- Nitric Oxide
- Nitric Oxide Synthase Type II
- Norepinephrine
- Obesity
- Oligonucleotides
- Organ Size
- Ovariectomy
- Overweight
- Paired Box Transcription Factors
- Pancreas
- Pancreatic Polypeptide
- Parenteral Nutrition, Total
- PAX6 Transcription Factor
- Peer Group
- Peptides