Hormone Assay Core Services

Services provided by the Hormone Assay & Analytical Services Core

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


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


MeSH Terms

- Acetaminophen
- Acyltransferases
- 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
- Arousai
- Arterial Pressure
- Autoantigens
- Autonomic Nervous System
- Base Sequence
- Basic Helix-Loop-Helix Transcription Factors
- Bicycling
- Binding Sites
- Biocatalysis
- Biological Transport
- Biomarkers
- Blood Glucose
- Blood Pressure
- Body Composition
- Body Weight
- Brain
- C-Peptide
- Calcium Signaling
- Cardiac Output
- Catalysis
- Catalytic Domain
- Cation Transport Proteins
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- Cell Line, Tumor
- Cell Nucleus
- Cells, Cultured
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- Chemokine CCL2
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- Chloramphenicol O-Acetyltransferase
- Chromatin
- Chromosomes
- Chromosomes, Human, Pair 17
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- COS Cells
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- Cyclic GMP
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- Diabetes Mellitus, Type 1
- Diabetes Mellitus, Type 2
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- 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
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- Exenatide
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- G-Protein-Coupled Receptor Kinases
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- Gene Expression Regulation
- Gene Expression Regulation, Enzymologic
- Genes, Reporter
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- Glucagon-Like Peptide-1 Receptor
- Glucagon-Secreting Cells
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- Glucose-6-Phosphate
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- GTP-Binding Protein alpha Subunits, Gq-G11
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- Insulin Secretion
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- Mice, Inbred C57BL
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- Mice, Obese
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- Nitric Oxide Synthase Type II
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- Ovariectomy
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- Paired Box Transcription Factors
- Pancreas
- Pancreatectomy
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- Parenteral Nutrition, Total
- Pax6 Transcription Factor
- Peer Group
- Peptides

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Primary publication · 14765991 (PubMed) · Added on 7/10/2013
Primary publication · 12370122 (PubMed) · Added on 7/10/2013
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