	ATRU SERVICE & FEE SCHEDULE	DEATED: 04ALICO000 LID	DATED: OF IANGOOM	
Service Fees	Description	Non-	Industry	
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	STUDY START UP FEES	4250.00	\$800.00	
Low Intensity Project Medium Intensity Project	*LOW intensity: Room Use/Lab Access/Data & Specimen Collection *MEDIUM intensity Clinical/Lab/Bionutrition services provided	\$250.00 \$350.00	\$1,000.00	
High Intensity Project	* HIGH intensity Clinical/Lab/Bionutrition services provided	\$500.00	\$1,500.00	
Start Up Fee - Waived	*Sample storage only project or 'other' reason	Waived	Waived	
	ADMINISTRATIVE FEES			
Annual Administrative Fee	*Applied annually after 1st year on activation date *Protocol review, feasibility assessment, and ATRU Quote creation (budget estimates) for Clinical/Lab/Bionutrition services *IRB/eBridge ancillary and amendment reviews, approvals, and status checks —*Florence & OnCore project review and management of policies, logs, and staff credentials within the systems	\$100.00	\$100.00	
Annual Administrative Fee - Waived	*Creation & maintenance of ATRU Central DoA Log/Training Logs/Flowsheets to avoid protocol deviation during research visits *Regular and preventative maintenance/calibration of on-site research equipment to safeguard data integrity and errors *Ensure all ATRU staff are current with licensing, certifications, regulatory requirements, continued education, and compliance training	Waived	Waived	
	VISIT FEES	Regular Hours: M	Ion-Fri 0800-1700	
	*Includes participant scheduling, room prep, room use, customary supplies, and clean-up			
On-Site Visit	*Visit is recorded/stamped using participant ID/initials/date in EPIC *ATRU staff must verify signed informed consent (or waiver of) *Snacks included for all visits - Meals included >2 hour visits	\$30.00	\$50.00	
Off-Site Visit	*Includes participant scheduling, off-site services, and transportation of supplies/equipment *Visit is recorded/stamped using participant ID/initials/date in EPIC *ATRU staff must verify signed informed consent (or waiver of)	\$30.00	\$50.00	
On-Site ECHO/US Core Visit	* ECHO/US ROOM USE ONLY requests - Includes patient scheduling, room prep, room use, customary supplies, and clean-up	\$15.00	\$15.00	
After Hours Surcharge	*Visits during non-regular business hours are subject to the surcharge fee in addition to the standard fees for services rendered *After hour & weekend visits by appointment only	\$30.00/Hour	\$30.00/Hour	
On-Call Support	*ATRU after hour on-call support has the ability to provide study details and/or obtain verbal consent	TBD: Hourly	or Flat Rate	
	*On-call support is also an option for studies that require 'impromptu' Clinical/Laboratory/Bionutrition services			
Appointment Cancellation: On-Site Visit Appointment Cancellation: Off-Site Visit	>24 hours in advance of the scheduled appointment will not be subject to any fees <24 hours and no-shows will be charged a non-refundable visit fee	\$30.00 \$30.00	\$50.00 \$50.00	
	STUDY SPECIFIC TOURS/TRAINING			
Site Selection/Monitor Tours	*On-site clinic/laboratory/bionutrition unit tours for site selection, monitor visits, and site initiation visits (SIVs)			
Site Initiation Visit (SIV)	*In-person or virtual attendance of site initiation visit (SIV) by assigned study leads & management	\$30.00	\$50.00	
Study Team Site Training	*Dry Run/Practice in ATRU Space: Room Use/Lab Access	TBD: Hourly	or Elat Pate	
New Certification/Training	*Staff certification and/or training regarding study specific devices, medication, and equipment	TBD: Hourly	or Flat Rate	
	COMMUNITY SERVICES			
Community Services	*Includes travel time and time spent at the location *Mileage for travel to/from will be charged at the current IRS rate *Option for local studies that require community based Clinical/Laboratory/Bionutrition services	TBD: Hourly	TBD: Hourly or Flat Rate	
	COORDINATION SUPPORT			
	*Confirm and/or obtain informed consent			
Coordination Support	*Post procedure follow-up calls *Project coordination and recruitment *Research interviews *Survey and data collection	\$60.00/Hour	\$60.00/Hour	
Translation Services	*Spanish translation services provided by ATRU staff for active ATRU research projects (in-person or phone)	\$60.00/Hour	\$60.00/Hour	
	*Access to virtual and/or written translation services for research projects through the Language Line App (iPad/tablet/laptop) CLINICAL SERVICES		or Flat Rate	
Low Intensity Visit		Usual & Customary	\$30.00	
Medium Intensity Visit	*ROOM USE ONLY requests > ATRU clinical staff assigned to visit as a point of contact during (supplies/emergency support) *MEDIUM intensity services at hourly rate (15 minute increments)	\$60.00/Hour	\$90.00/Hour	
•	gns *Heart Rate, Blood Pressure, Respiratory Rate, Temperature, POX			
Orthostatic Vital Sig				
Body Measureme Height/Weight/Body Mass Index (BI				
Skin Fold Measureme				
Specimen Collect	ion *Collection of non-blood/urine samples including sweat, epithelial nasal cell (cytology brush), and breath testing			
Urine Collection/Straight Catheterizat				
Glucose Finger St Saliva Sam				
Stool Sam				
Anterior Nasal Sw				
Nasopharyngeal Sw Oral/Buccal Sw				
Mantoux Tuberculin Skin Test (
Intramuscular Drug Administrati				
Subcutaneous Inject	·			
Oral/Sublingual Drug Administrati Vaccinatio				
MRI Contrast Infusion & Monitor				
AccuVein Vein Find				
High Intensity Visit	* HIGH intensity services at hourly rate (15 minute increments)	\$90.00/Hour	\$120.00/Hour	
	*Clusoso Challongo Tost, and/or full Clusoso Tolorgana Tost			
Oral Glucose Tolerance Test (OG				
	itor *Education on use of and initiation of portable cardiac monitor			
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat Central Line Dressing Chan	itor *Education on use of and initiation of portable cardiac monitor ion *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse			
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat Central Line Dressing Chan IV Infus	itor *Education on use of and initiation of portable cardiac monitor ion *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse ion *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available)			
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat Central Line Dressing Chan	itor *Education on use of and initiation of portable cardiac monitor ion *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse ion *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) ion *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available)			
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat. Central Line Dressing Chan IV Infus. Subcutaneous Infus	itor *Education on use of and initiation of portable cardiac monitor ion *Medication administered via patient inhalation, performed by a registered nurse nge *Sterile dressing change over central venous catheter, performed by a registered nurse ion *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) ion *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available) *Delivery of medication via IV push	Usual & Customar	y Supplies Included	
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat. Central Line Dressing Chan IV Infus. Subcutaneous Infus.	itor *Education on use of and initiation of portable cardiac monitor ion *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse ion *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) ion *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available)	Usual & Customary	y Supplies Included \$30.00	
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat. Central Line Dressing Char IV Infus. Subcutaneous Infus. IV Pt 6 Minute Walk Test (6MWT) ECG: Single 12-Lead Placement	*Education on use of and initiation of portable cardiac monitor *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available) *Delivery of medication via IV push *TANDALONE/FLAT FEE SERVICES	\$30.00 \$20.00	\$30.00 \$40.00	
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat Central Line Dressing Char IV Infus Subcutaneous Infus IV Pt 6 Minute Walk Test (6MWT) ECG: Single 12-Lead Placement ECG: Duplicate or Triplicate	itor *Education on use of and initiation of portable cardiac monitor inn *Medication administered via patient inhalation, performed by a registered nurse gge *Sterile dressing change over central venous catheter, performed by a registered nurse ion *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) ion *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available) ion *Provision of medication via IV push *STANDALONE/FLAT FEE SERVICES *ATRU staff-guided 6 Minute Walk Test (MWT) is a sub-maximal exercise test used to assess aerobic capacity and endurance *Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) *Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) x3	\$30.00 \$20.00 \$40.00	\$30.00 \$40.00 \$80.00	
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat. Central Line Dressing Chan IV Infus. Subcutaneous Infus. IV Pt 6 Minute Walk Test (6MWT) ECG: Single 12-Lead Placement ECG: Duplicate or Triplicate Venipuncture Phlebotomy - Single Timepoint	itor *Education on use of and initiation of portable cardiac monitor *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available) *Delivery of medication via IV push *TANDALONE/FLAT FEE SERVICES *ATRU stoff-guided 6 Minute Walk Test (MWT) is a sub-maximal exercise test used to assess aerobic capacity and endurance *Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) *Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) x3 *Blood sample collection via venipuncture	\$30.00 \$20.00 \$40.00 \$15.00	\$30.00 \$40.00 \$80.00 \$30.00	
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat. Central Line Dressing Chan IV Infus. Subcutaneous Infus. IV Pt 6 Minute Walk Test (6MWT) ECG: Single 12-Lead Placement ECG: Duplicate or Triplicate Venipuncture Phlebotomy - Single Timepoint IV Placement	**Itor **Education on use of and initiation of portable cardiac monitor ion **Medication administered via patient inhalation, performed by a registered nurse inge **Sterile dressing change over central venous catheter, performed by a registered nurse ion **Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) ion **Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available) ush *Delivery of medication via IV push **STANDALONE/FLAT FEE SERVICES** **ATRU staff-guided 6 Minute Walk Test (MWT) is a sub-maximal exercise test used to assess aerobic capacity and endurance **Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) **Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) x3 **Blood sample collection via venipuncture **Peripheral intravenous line (IV) placement for medication administration and/or blood sample collection	\$30.00 \$20.00 \$40.00 \$15.00 \$15.00	\$30.00 \$40.00 \$80.00 \$30.00	
Oral Glucose Tolerance Test (OG Holter Moni Inhaled Medication Administrat. Central Line Dressing Chan IV Infus. Subcutaneous Infus	itor *Education on use of and initiation of portable cardiac monitor *Medication administered via patient inhalation, performed by a registered nurse *Sterile dressing change over central venous catheter, performed by a registered nurse *Provision of medication and/or fluids (placebo) via IV Infusion (standard or micro dose pumps available) *Provision of non-chemotherapy medication via IV Infusion (standard or micro dose pumps available) *Delivery of medication via IV push *TANDALONE/FLAT FEE SERVICES *ATRU stoff-guided 6 Minute Walk Test (MWT) is a sub-maximal exercise test used to assess aerobic capacity and endurance *Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) *Lead placement and obtainment of a standard 12 lead EKG (uninterpreted) x3 *Blood sample collection via venipuncture	\$30.00 \$20.00 \$40.00 \$15.00	\$30.00 \$40.00 \$80.00 \$30.00	
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	LABORATORY & DIAGNOSTIC SERVICES	Usual & Customary	Supplies Included
	* A limited number of protocols/study staff members will be considered for 24/7 Lab Access Privileges		
Lab Access for Sample Processing	*All site personnel requesting lab access will need to meet minimum training requirements prior to use *Must provide proof of Institutional Biosafety Committee (IBC) approval with ATRU Lab Manger listed as study staff	Upon Consultation	Upon Consultation
Lab Access for Sample Processing	*Study teams must provide Lab Manual for ATRU review (if applicable)	Opon Consultation	opon consultation
	*Fee determined by number of sessions, amount/type of tubes, length of centrifuge use, bench space requirements, and lab supply needs		
Lab Access Start Up	Study staff access to ATRU lab spaces requires: Orientation, Badge Access, Training, and ATRU Oversight -Protocol Specific)	\$15.00/Person	\$15.00/Person
Low Intensity Visit	*LOW intensity services at hourly rate (15 minute increments)	\$20.00/Session	\$40.00/Session
Sample Incubation Lab Preparation	* Incubation of specimen at ambient or at increased temperatures when additional manipulation is not required *QC of study specific instruments/reagent preparation required in advance of processing visit	_	
Medium Intensity Visit	MEDIUM intensity services at hourly rate (15 minute increments)	\$60.00/Hour	\$90.00/Hour
Centrifugation	INCLOWN mensity services to thousy rate [17 minute increments] **General Sample processing activities	\$00.00/110ui	\$30.00/110a1
Plasma/Serum/Buffy Coat Separation	*Removing supernatant/cells post centrifugation	_	
Pipetting/Aliquot Creation	*Splitting a sample into individual portions		
Blood Smear Preparations	*A sample of blood that is spread on a glass slide		
Quality Assurance	*Quality assurance checks and systems		
Specialized Lab Equipment	*Biosafety cabinet, temperature variable swing bucket centrifuges, incubators, scales, and precision pipettes		
Data Entry/Resulting	* REDCap/OneDrive/Qualtrics/LDMS/LifePoint/Study specific portals/Requisition Form Completion to facilitate normal and customary research laboratory data *Sample de-identification		
Shipping Preparation/Sample Transfers	*Cryo-safe label/barcode creation *Specimen packing/requisition/shipment preparation *IATA compliant sample shipping (ambient/refrigerated/frozen)	_	
	*Preparations/on-campus transfer of specimens		
High Intensity Visit	*Includes HIGH intensity services at hourly rate (15 minute increments)	\$90.00/Hour	\$120.00/Hour
Biomarkers/Pharmacokinetic (PKs)	*Extensive Processing: Multiple Tubes/Draws @ Specific Time Points		
PBMC extractions	*Chemical additions and timed procedures		
Increased Precautions	*Processing under increased precautions due to agents/exposure concerns		
Specialized/Complex Processing	*Additional specialized/complex study specific processing		
	STANDALONE/FLAT FEE SERVICES	Usual & Customary	Supplies Included
Batch Shipping Preparation	*Specimen packing/requisition/shipment preparation	\$20.00/Session	\$40.00/Session
	*IATA compliant sample shipping (ambient/refrigerated/frozen) * Incubation of specimen without need for further manipulation (i.e. extended or overnight sample incubation)		
Sample Incubation (>1hr-24 hours)	* incubation of specimen without need for further manipulation (i.e. extended or overnight sample incubation) *Performed within a Medium or High Intensity Visit	\$20.00/Session	\$40.00/Session
Carrada Characa	*Storage in -80 freezer, -20 freezer, or refrigerator or room temperature for > than 24 hours, batch shipping, banking and long-term storage	6100 00 0	¢200 00 %
Sample Storage	*Note: >50 boxes or equivalent subject to additional charge	\$100.00/Year	\$200.00/Year
Sample Storage - Inventory & Retrieval	*Receipt and Intake of lab supplies and/or biospecimens *IATA Shipment preparations/on-campus transfer of specimens *Inventory management: supply and sample tracking	\$60.00/Hour	\$90.00/Year
Supply/Reagent/Equipment Storage	*Logging of samples, boxing, and inventory *Laboratory storage refers to the housing and inventory of supplies, kits, reagents, and/or equipment that is provided by the department or sponsor initiating the study within the ATRU	\$100.00/Year	\$200.00/Year
Dry Ice Low Usage	*The goal of controlled storage is to maintain the integrity of the stored items and to ensure that they remain safe and accessible *Dry ice for frozen sample transport/batch shipping > Flat Fee > LOW usage (100 lbs./year max)	\$125.00/Year	\$250.00/Year
Dry Ice High Usage	*Dry ice for frozen sample transport/batch shipping > Flat Fee > HIGH usage (200 lbs./year max)	\$250.00/Year	\$500.00/Year
Dry ice mgn osage			
	POINT OF CARE TESTS (POC)	Usual & Customary	
Urine Pregnancy		\$5.00	\$10.00
Urinalysis/Urine Glucose/Urine Protein Urine Cotinine	ATRU holds a CLIA Certificate of Waiver for	\$5.00	\$10.00
Urine Cotinine Urine Drug Screen	various CLIA Waived testing	\$15.00 \$25.00	\$20.00 \$50.00
Glucose (Fingerstick)	The second secon	\$10.00	\$15.00
HgA1C		\$15.00	\$20.00
	AUTOMATED IMMUNOASSAY ANALYZER (HD-X)	·	
Service Fees	*Simoa Accelerator Laboratory > Bioprocessing > Lateral flow assays & POC flow based immunoassays *Supply pricing is constantly changing > Fees are Subject to Change	\$1800.00 Per Plate/Run	
Fee Der Diate /Dun	*All samples must submitted under an IRB approved protocol and linked to the ATRU's HD-X Analyzer IBC application *Flat Rate Fee: Includes bulk supplies, maintenance, internal controls	\$1800.00 Pe	
	*All samples must submitted under an IRB approved protocol and linked to the ATRU's HD-X Analyzer IBC application *Flat Rate Fee: Includes bulk supplies, maintenance, internal controls		
Simoa Kit	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls	\$1800.00 Pe	/endor Pricing
Simoa Kit	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice		/endor Pricing
Simoa Kit Assay Kit	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice SUPPLIES/KIT CREATION	TBD: Current \	
Simoa Kit Assay Kit Supply Ordering	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs	TBD: Current V	\$15.00/Session
Simoa Kit Assay Kit Supply Ordering Special Order Supplies	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing	\$15.00/Session TBD: Current \	\$15.00/Session /endor Pricing
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage	\$15.00/Session TBD: Current V	\$15.00/Session /endor Pricing \$10.00
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages	\$15.00/Session TBD: Current \	\$15.00/Session /endor Pricing
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage	\$15.00/Session TBD: Current \ \$5.00 \$10.00	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi]/3ml syringe/20G NDL/3-way stopcock *Custom specimen collection kits ensure compliance, also to protocols, and increases efficiency *BIONUTRITION SERVICES *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebatomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency BIONUTRITION SERVICES *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 TBD: Current \ TBD: Current \	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing
Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *BIONUTRITION SERVICES* *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 TBD: Current \ \$30.00 \$90.00	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing
Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *BIONUTRITION SERVICES* *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate	\$15.00/Session TBD: Current \(\) \$5.00 \$10.00 \$10.00 TBD: Current \(\) \$30.00 \$90.00 \$120 1st Scan/\$	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00
Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate *Body tissue and/or body water analysis	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 TBD: Current \ \$30.00 \$90.00	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00
Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans Bioelectrical Impedance	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *BIONUTRITION SERVICES* *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate	\$15.00/Session TBD: Current \(\) \$5.00 \$10.00 \$10.00 TBD: Current \(\) \$30.00 \$90.00 \$120 1st Scan/\$	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00
Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans Bioelectrical Impedance Diet Assessment	*Flot Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 216A BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency BIONUTRITION SERVICES *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate *Body tissue and/or body water analysis *Multiple Pass 24 Hour Recalls *FFQ discovery, administration & analysis assistance *Study team training and shared resources *Diet assessment analyses of 180+ nutrients *Controlled diet, meal, snack, & supplement development	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 \$10.00 TBD: Current \ \$30.00 \$30.00 \$30.00	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00 80 Repeat Scan \$60.00 \$60.00/Hour
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Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans Bioelectrical Impedance Diet Assessment Nutrition Database System for Research Energy Expenditure: Resting Metabolic Rate	*Flat Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tope, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tope, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *BIONUTRITION SERVICES *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate *Body tissue and/or body water analysis *Multiple Pass 24 Hour Recalls *Multiple Pass 24 Hour Recalls *Intelligence of the supplement development *Resting metabolic rate measurements *Prediction RMR calculations *Resting metabolic rate measurements *Prediction RMR calculations	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 \$10.00 TBD: Current \ \$30.00 \$30.00 \$90.00 \$120 1st Scan/\$ \$30.00 \$60.00/Hour	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00 80 Repeat Scan \$60.00 \$60.00/Hour or Flat Rate \$125.00
Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans Bioelectrical Impedance Diet Assessment Nutrition Database System for Research Energy Expenditure: Resting Metabolic Rate Community Resting Metabolic Rate	*Flot Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Phlebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohol swabs, syringe with (requested) gauge needle, tape, gauze, and bandages *Sterile dressing/gloves/drape/antiseptic solution/ildocaine 1% (w/o epil)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *BIONUTRITION SERVICES *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Femur Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate *Body tissue and/or body water analysis *Multiple Pass 24 Hour Recalls *FFQ discovery, administration & analysis assistance *Study team training and shared resources *Diet assessment analyses of 180+ nutrients *Controlled diet, meal, snack, & supplement development *Resting metabolic rate measurements *Prediction RMR calculations *Physical activity questionnaire discovery, administration & analysis assistance *Doubly Labeled Water protocol design *Accelerometer/wearable technology protocol design and shared resources	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 \$10.00 TBD: Current \ \$30.00 \$30.00 \$90.00 \$120 1st Scan/\$ \$30.00 \$60.00/Hour TBD: Hourly	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00 80 Repeat Scan \$60.00 \$60.00/Hour or Flat Rate \$125.00
Simoa Kit	*Flot Rate Fee: Includes bulk supplies, maintenance, internal controls *Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice *SUPPLIES/KIT CREATION *Assistance in obtaining clinical supplies for specimen collection needs *Special order and 'unique' study supplies requested through the ATRU will be billed at the current vendor pricing *Philebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohal swabs, tape, gauze, and bandage *IV Kits > Gloves, tourniquet, alcohal swabs, syringe with (requested) gauge needle, tape, gauze, and bandage *Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock *Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency *BIONUTRITION SERVICES *Height, weight, BMI, ideal body weight and applied population body composition equations *Circumference & skinfold measurements *Anthropometer, knee height, etc. *AP Spine Scan for bone density *Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate *Body tissue and/or body water analysis *Kultiple Pass 24 Hour Recalls *FFQ discovery, administration & analysis assistance *Diet assessment analyses of 180+ nutrients *Controlled diet, meal, snack, & supplement development *Resting metabolic rate measurements *Prediction RMK calculations *Physical activity questionnaire discovery, administration & analysis assistance *Doubly Labeled Water protocol design *Accelerometer/wearable technology protocol design and shared resources *Controlled diet, meal, snack & supplement preparation, packaging & delivery *Mileage for travel to/from will be charged at the current IRS rate *Controlled diet, meal, snack & supplement preparation, packaging & delivery *Mileage for travel to/from will be charged at the current IRS rate	\$15.00/Session TBD: Current \(\) \$5.00 \$10.00 \$10.00 \$10.00 TBD: Current \(\) \$30.00 \$90.00 \$120 1st Scan/\$ \$30.00 \$60.00/Hour TBD: Hourly \$90.00 \$100 1st Test/\$	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00 80 Repeat Scan \$60.00 \$60.00/Hour or Flat Rate \$125.00 80 Repeat Test
Simoa Kit Assay Kit Supply Ordering Special Order Supplies Philebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans Bioelectrical Impedance Diet Assessment Nutrition Database System for Research Energy Expenditure: Resting Metabolic Rate Community Resting Metabolic Rate Energy Expenditure Energy Expenditure Research Meal/Supplement Services	*Fice varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice **Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice **Special order and unique' study supplies for specimen collection needs **Special order and unique' study supplies requested through the ATRU will be billed at the current vendor pricing **Philebotomy Kits > Gloves, 21GA BD Safety butterfly needle, vacutainer holder, tourniquet, alcohol swabs, tape, gauze, and bandage **V Kits > Gloves, tourniquet, alcohol swabs, syringe with frequested) pauge needle, tape, gauze, and bandages **Sterile dressing/gloves/drape/antiseptic solution/lidocaine 1% (w/o epi)/3ml syringe/20G NDL/spinal NDL/3-way stopcock **Custom specimen collection kits ensure compliance, aligns to protocols, and increases efficiency **BIONUTRITION SERVICES** **Height, weight, BMI, ideal body weight and applied population body composition equations **Circumference & skinfold measurements **Anthropometer, knee height, etc. **AP Spine Scan for bone density **Femur Spine Scan for bone density **Total Body Scan for total and regional lean and adipose tissue measures; visceral adipose tissues estimate **Body tissue and/or body water analysis **Multiple Pass 24 Hour Recalls **FC discovery, administration & analysis assistance **Study team training and shared resources **Diet assessment analyses of 180+ nutrients **Controlled diet, meal, snack, & supplement development **Resting metabolic rate measurements **Prediction RMR calculations **Physical activity questionnaire discovery, administration & analysis assistance **Doubly Labeled Water protocol design **Accelerometer/wearable technology protocol design and shared resources **Controlled diet, meal, snack & supplement preparation, packaging & delivery **Mileage for travel tof/from will be charged at the current IRS rate **Controlled diet, meal, snack & supplement pre	\$15.00/Session TBD: Current \(\) \$10.00 \$	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 \$225.00 80 Repeat Scan \$60.00 \$60.00/Hour or Flat Rate \$125.00 80 Repeat Test \$60.00/Hour
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Simoa Kit Assay Kit Assay Kit Supply Ordering Special Order Supplies Phlebotomy Kits IV Kits LP Kits Custom Kit Creation Anthropometrics DXA Scans Community Total Body DXA Scans Bioelectrical Impedance Diet Assessment Nutrition Database System for Research Energy Expenditure: Resting Metabolic Rate Community Resting Metabolic Rate Energy Expenditure Research Meal/Supplement Services Lifestyle Counseling	*Floit Rate Fee: Includes bulk supplies, maintenance, internal controls **Price varies based on current supplier cost. Assay kit purchases will be made by CTSI and charged to project account in ATRU invoice **Superland Superland Super	\$15.00/Session TBD: Current \ \$5.00 \$10.00 \$10.00 \$10.00 TBD: Current \ \$30.00 \$90.00 \$120 1st Scan/\$ \$30.00 \$60.00/Hour TBD: Hourly \$60.00/Hour \$60.00/Hour	\$15.00/Session /endor Pricing \$10.00 \$15.00 \$20.00 /endor Pricing \$30.00 /endor Pricing \$30.00 \$225.00 80 Repeat Scan \$60.00 \$60.00/Hour or Flat Rate \$60.00/Hour \$60.00/Hour