

PROCESSING INSTRUCTIONS FOR BRAC TESTS

ANALYTE	PROCESSING SPECIFICATIONS								Storage ⁵
	Collection	Preservative	Preferred Collection Tube	Alternate Collection Tube	Centrifuge Temp (°C) 10 mins	Preferred Aliquot (mL)	Minimum Aliquot (mL) ⁽⁴⁾	Storage Tubes	Temp (°C)
Saliva Cortisol ⁽⁹⁾ / ⁽¹¹⁾	Sali-Saver™ Specimen collection ⁽¹¹⁾	N.P.	Sarstedt™ order # 60.732.001 PP 15mL, 76mm x 20mm	Sali-Saver™ ⁽⁷⁾ / ⁽⁸⁾ or Salivette™ ⁽⁷⁾ / ⁽⁸⁾	4°C @ 1500 x g ⁽¹⁾	1 x 1.0	1 x 0.5	2 ml 'o' ring	-80°C
Saliva DNA ⁽¹⁰⁾	Oragene® DNA Self Collection Kit ⁽¹⁰⁾	Provided in the kit ⁽¹⁰⁾	Provided in the kit ⁽¹⁰⁾	N/A	N/A	fill collection tube to the fill line with saliva ⁽¹⁰⁾	N/A	Provided in the kit ⁽¹⁰⁾	15-30°C

⁽¹⁾g = (1118 x 10-8) (radius in cm) (rpm)²

⁽²⁾ N.P. = No Preservative

⁽⁴⁾Minimum volumes, no repeat, tube will be discarded after analysis is completed

⁽⁷⁾ Samples must be spun down and aliquotted into 2mL PP tubes

⁽⁸⁾ Refer to manufacturer instructions

⁽⁵⁾ Store at -80°C until analysis is performed (samples will be returned to investigator after analysis is completed no later than 4 weeks or

⁽¹¹⁾ refer to specific SOP #225

⁽¹⁰⁾ Saliva DNA Collection

1. The subject cannot eat, drink or smoke for 30 minutes before donating any saliva sample.
2. Spit until the amount of liquid saliva (not bubbles) reaches the fill line. The liquid in the lid will be released into the tube to mix with the saliva. Make sure that the lid is closed tightly.
4. Hold the tube upright. Unscrew the tube from the funnel.
5. Pick up the small cap for the tube. Use the small cap to close the tube tightly.
6. Shake the capped tube for 5 seconds. Discard or recycle the funnel.
7. Store the samples at room temperature 15-30°C

⁽⁹⁾ SALIVA CORTISOL COLLECTION:

- 1. Wash hands & rinse mouth:**
 - a. Wash hands before collecting saliva. Do not apply any lip products.
 - b. Do NOT eat, drink (except water), brush teeth, or floss **before** collecting sample.
 - c. If you have a dry mouth, smell, but do not eat, a lemon or other food or chew non sugar gum for five minutes before collecting saliva.
- 2. Begin filling the tube:**
 - a. Rinse mouth twice with cold water 5 minutes prior to collection.
 - b. Begin collecting saliva sample in plastic tube.
 - c. Fill the tube at least a quarter full (not including bubbles).
 - d. Allow saliva to flow (drip) into the tube. Avoid phlegm.
- 3. Cap the tube :**
 - a. Cap the tube tightly and place in plastic bag.
 - b. Place the tube upright in the freezer.

ANALYTE	Reportable Units	Manufacturer	Method	Lowest Reportable Value	REFERENCE RANGE ⁽⁶⁾	
Saliva Cortisol ⁽⁹⁾⁽¹¹⁾	ug/dL	Siemens; Los Angeles, CA	Coat-A-Count RIA	0.10 ug/dL	0700 hr 2200hr	0.14-1.01 ug/dL 0.07-0.22 ug/dL
Saliva DNA ⁽¹⁰⁾	ng/ μ L	DNA Genotek	DNA extraction and purification	20 ng/ μ L	N/A	

⁽⁶⁾ For reference only not to be used for diagnostic