

# Custom Chemistry Panels

Custom Chemistry panels are available and part of the IDEXX/Amgen partnership. Mix and match from the following: Once you have identified the desired combination, please contact Client Support Services (CSS) to create the panel on Amgen's behalf. A custom code number will be delivered directly to you.

## Chemistry List

Alanine Aminotransferase (ALT/SGPT)	Amylase (AMYL)
Albumin (ALB)	Anion Gap
Alkaline Phosphatase (ALP)	Aspartate Aminotransferase (AST/SGOT)
Bilirubin, Direct	BUN:Creatine Ratio
Bilirubin, Indirect	Bicarbonate (TCO2)
Bilirubin, Total	Blood Urea Nitrogen (BUN)
Creatine Kinase (CK, CPK)	Calcium (Ca)
Creatinine (CREA)	Chloride (Cl)
Globulin (GLOB)	Cholesterol (CHOL)
Phosphorus (PHOS)	Gamma-glutamyltransferase (GGT)
Potassium (K)	Glucose (GLU)
Sodium (Na)	Lactate Dehydrogenase (LDH)
	Lipase (LIP)
	Total Protein (TP)
	Triglycerides (TRIG)
	Uric Acid

## Client Support Services

1 800 669 0825

[idxxbioanalytics@idexx.com](mailto:idxxbioanalytics@idexx.com)

## *Radil Advantage & Environmental Sample Collection SOP, continued*

### **Oral Swab Sample Collection for PCR Testing/Radil Advantage**

Restrain the mouse/rat with one hand so that the head is not able to move from side to side. Insert the oral swab starting at the corner of the mouth to encourage the animal to open its mouth. Slowly twirl the swab to collect the sample.

Insert the swab halfway into a labeled sterile tube, close the tube lid against the swab shaft and pull down on the swab shaft to break the shaft. The tip end will fall into the tube, and the tube can be capped.

Place labeled sample tubes in a cardboard mailer or insulated box and ship overnight to our laboratory. Samples can be shipped at ambient temperature or on ice packs.

### **Procedure**

To collect the feed or bedding sample, aseptically transfer pellets of food or bedding into a sterile 50mL conical tube. For rodent diet pellets, 3-4 pellets are sufficient. For rodent bedding 15-25mL is sufficient. Tightly secure the sample collection tube and label appropriately. Once the samples have been collected they should be shipped in an insulated polystyrene container for overnight delivery with cold packs. Additional padding may be necessary to ensure the sample tubes are not damaged during shipping.

### **Contact Plate Sample Collection**

Specific approaches and numbers of samples to collect per facility depend on your preferences. The RODAC plate package insert describes a procedure of making a grid on the floor or area to be tested and sampling from alternating sections of the grid at different time points. This could result in a large number of samples. The more samples tested, the more complete picture of the bacterial load in your facility. Not sure where to begin? Ask our experts about the most effective Microbiology Surface Testing plan for your facility and receive all the support you'll need to monitor with confidence.

If you have questions about sample collection, storage or submission, contact Client Support Services.

#### **Shipping Address**

**IDEXX BioAnalytics**  
4011 Discovery Drive  
Columbia, MO 65201

#### **Contact Information**

**Client Support Services**  
1 800 669 0825  
[idxxbioanalytics@idexx.com](mailto:idxxbioanalytics@idexx.com)