Rutgers University
In Vivo Research Services (IVRS) offers

Blood Chemistry Analyzer: Heska Element DC5X

Heska Element DC5X: measures blood electrolytes, enzymes, glucose, lipid, proteins

HESKA location: School of Public Health, Piscataway, NJ

Available Species: multiple animal species including rats and mice

Individual tests: BUN, CREA, ALP, ALT, PHOS, GGT, TBIL, AS, GLU, TP, ALB, Ca, Mg, NH3, TRIG, LIP, AMY, CK, URIC, CHOL, LDH, Electrolytes (Na+, K+, Cl-)

50 µl of serum/plasma (heparin only) or 200 µl of whole blood

Comprehensive Plus Panel: (ALP, ALT, BUN, CREA, GLU, TP, TBIL, ALB, PHOS, Ca, CHOL, GGT, LIP, AMY, Mg, TRIG, AST, Na+, K+, Cl-)= Comp 20

200 µl serum/plasma (heparin only) or 450 µl of whole blood

Comprehensive Panel: (ALP, ALT, BUN, CREA, GLU, TP, TBIL, ALB, PHOS, Ca, CHOL, GGT)= Comp 12

120 µl serum/plasma (heparin only) or 250 µl of whole blood

Liver Panel: (ALB, ALP, ALT, GGT, GLU, TBIL)

60 µl serum/plasma (heparin only)

150 µl of whole blood

Kidney Panel: (ALB, BUN, CREA, Ca, PHOS, TP) s

60 µl serum/plasma (heparin only)

150 µl of whole blood

Report: Excel format compatible. The report will be available the same day and includes the results, low/high flags, and normal range.

Please contact Dr. Jiadong Li, at liji@research.rutgers.edu for more information.