

Analysis	Volume (ul)	Sample type	Sampling tubes for plasma	Stability at 2-8°C	Freeze	Assay mode	Price per sample (CHF)
Alkaline Phosphatase (ALP)	11	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	b	3.0
α-amylase	10	Serum or Plasma	Li ⁺ -heparin <small>in EDTA, values are 5-10% lower than serum</small>	1month	NO	b	4.0
Albumin	5	Serum or Plasma	Li ⁺ -heparin	5 months	NO	a	3.0
Ammonia (NH3)	20	Plasma	EDTA, no hemolysis; separate plasma within 3h @ 4°C	On ice, assay immediately	NO	b	4.0
Bilirubin (total)	4	Serum or Plasma Protect from light	Li ⁺ -heparin;	assay immediately	NO	a	3.0
β-hydroxybutyrate						a	
Calcium (Ca ²⁺)	10	Serum or Plasma; Urine	Li ⁺ -heparin; <i>pH2.0 HCl to dissolve Ca₂₊ salts</i>	3 weeks 3 weeks	YES YES	a	3.0
Chloride (Cl ⁻)							
Cholesterol (total)	3	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	a	3.0
Creatine Kinase (CK)	7	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	b	4.0
Creatine Kinase MB (CK-MB)	12	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	b	4.0
Creatinine	15	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	a	3.0
Free Fatty Acids (FFA)	15	Serum or EDTA-Plasma	EDTA, no hemolysis	7 days	YES	a	13.0
Fructosamine	13	Serum or Plasma	Li ⁺ -heparin or EDTA	2 weeks	NO	b	4.0
Glucose	3	Serum or Plasma	EDTA or K ⁺ -Fluoride If @ Room T°, separate within 30 min	72h	YES	a	3.0
GOT-ASAT (Aspartate Aminotransferase)	10	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	a	3.0
GPT-ALAT (Alanine Aminotransferase)	10	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days	YES	a	3.0
α-hydroxybutyrate dehydrogenase (HBDH)	7	Serum or Plasma	Li ⁺ -heparin or EDTA	7 days (5% loss of activity)	NO	b	3.0
HDL-cholesterol	3	Serum or Plasma	Li ⁺ -heparin	7 days	YES	a	5.0
LDL-cholesterol	3	Serum or Plasma	Li ⁺ -heparin	7 days	YES	a	5.0
Lipase	4	Serum or Plasma	Li ⁺ -heparin	7 days	YES	a	5.0
Magnesium (Mg ²⁺)	6	Serum or Plasma	Li ⁺ -heparin	7 days	YES	a	3.0
Potassium (K ⁺)							
Proteins (total)	5	Serum or Plasma	Li ⁺ -heparin or EDTA	3 days	YES	b	3.0
Sodium (Na ⁺)							
Triglycerides	3	Serum or Plasma	Li ⁺ -heparin	7 days	YES	a	4.0
Urea	4	Serum or Plasma	Li ⁺ -heparin	7 days	YES	a	3.0
Uric acid	7	Serum or Plasma	Li ⁺ -heparin or EDTA	5 days	YES	b	3.0