

Biochemistry analyte stability in serum stored in the fridge for common add-on test requests

Please note samples are stored in Biochemistry for 4 days at 2-8°C. Stability shown in table below relates to **serum stability at 2-8°C** (i.e. after samples have been centrifuged).

Assay/Profile (WinPath code)		Stability in serum stored at 2-8°C
U&E/EC	Sodium	>4 days
	Potassium	>4 days
	Creatinine (enzymatic)	>4 days
	Urea	>4 days
Liver function test (LFT)	ALT	>4 days
	ALP	4 days
	Bilirubin total	>4 days
	Total Protein	>4 days
	Albumin	>4 days
Bone/Calcium profile (BP)	ALP	4 days
	Calcium	>4 days
	Phosphate (BP only)	4 days
	Total Protein	>4 days
	Albumin	>4 days
Lipids (LPNF/LP)	HDL Cholesterol	>4 days
	Cholesterol	>4 days
	Triglycerides	>4 days
Amylase (AM)		>4 days
AST		>4 days
Total Bile Acid (BA)		>4 days
CRP		>4 days
Magnesium (MG)		>4 days
Uric Acid (UA)		>4 days
Protein electrophoresis and serum free light chains (MYES/MYEM – Myeloma screen or monitoring)		>4 days
IgA-TTG (TTGS - Coeliac screen)		>4 days
NT-Pro BNP (BNP)		>4 days
Cortisol (CORT)		>4 days
Ferritin (FER) & Iron studies (FE)		>4 days
Vitamin B12 & folate (BF)		48 hours
TSH		>4 days
Total PSA		>4 days
hsTroponin I (TROP)		48 hours
Urine Creatinine		>4 days
Urine Protein (UPCR)		>4 days
Urine Albumin (UMA)		>4 days