

Table 1. Laboratory work up and baseline hormone profile at the day of admission

Assay	Normal Range	Value
Hematocrit (Hct)	38.8-50.0%	42%
Fasting blood glucose	3.9-5.5 mmol/L	4.2
Alanine aminotransferase (ALT)	7-56 U/L	34
Aspartate aminotransferase (AST)	10-40 U/L	22
Alkaline phosphatase (ALP)	25-100 U/L	44
Serum creatinine levels	80-110 μ mol/L	92
Ionized calcium	1.1-1.35 mmol/L	1.2
Phosphate	0.8-1.5 mmol/L	0.92
Parathyroid hormone (PTH) (pg/ml)	10-65	35
25-OH-vitamin D levels	75–250 nmol/L	77
24-Hour urine calcium	15–20 mmol/24h	18.7
Magnesium	1.5-2 mEq/L	1.75
Thyroid-stimulating hormone (TSH) level	0.5-5 mIU/L	3.2
Ferritin	33-450 pmol/L	104
Serum iron	10.7-26.9 pmol/L	15
Testosterone levels	10-25 nmol/L	20
24-Hour urine free cortisol	9.66-124.2 nmol/24h	32
Morning serum Cortisol	7-28 μ g/dL	16
Serum protein electrophoresis		
albumin	38–50 g/L	40
alpha-1 globulin	1–3 g/L	2.2
alpha-2 globulin	6–10 g/L	7.5
beta globulin	7–14 g/L	8.1
gamma globulin	7–16 g/L	8.9
Antigliadin antibodies (IGA/IGG)		Not detected
Antiendomysial antibodies		Not detected
Serum tryptase	<11.4 ng/mL	3.2
Rheumatoid factor	<25 IU/ml	17