

dr paws zayed

Biochemical Inspection Report

Species: Cat ID: 01009240794 Patient: sokar
 Owner: Gender: Male Age: 18 Months
 Sample Type: Whole Blood Diagnosis:
 LOT: 34220-10-0148-0227-109-250653-31208 Abnormal Sample: Hemolysis

Item	Result	Unit	Ranges	Indicator		
				Low	Normal	High
TP	71.00	g/L	54-89	----- ----- -----	----- ----- -----	----- ----- -----
ALB	39.40	g/L	22-45	----- ----- -----	----- ----- -----	----- ----- -----
GLO	31.60	g/L	15-57	----- ----- -----	----- ----- -----	----- ----- -----
A/G	1.20			----- ----- -----	----- ----- -----	----- ----- -----
TBIL	19.92	umol/L	2-15	----- ----- -----	----- ----- -----	----- ----- -----
ALT	101.0	U/L	8.2-123	----- ----- -----	----- ----- -----	----- ----- -----
ALP	21.0	U/L	10-90	----- ----- -----	----- ----- -----	----- ----- -----
BUN	6.14	mmol/L	3.6-15.5	----- ----- -----	----- ----- -----	----- ----- -----
CRE	92.0	umol/L	27-223	----- ----- -----	----- ----- -----	----- ----- -----
BUN/CRE	17.0			----- ----- -----	----- ----- -----	----- ----- -----
CK	420.0	U/L	50-450	----- ----- -----	----- ----- -----	----- ----- -----
AMY	1347.0	U/L	200-1800	----- ----- -----	----- ----- -----	----- ----- -----
GLU	5.75	mmol/L	4.11-8.84	----- ----- -----	----- ----- -----	----- ----- -----
CHOL	3.27	mmol/L	1.68-5.81	----- ----- -----	----- ----- -----	----- ----- -----
Ca	2.26	mmol/L	1.95-2.95	----- ----- -----	----- ----- -----	----- ----- -----
P	1.96	mmol/L	1-2.74	----- ----- -----	----- ----- -----	----- ----- -----
Ca*P	55.0	mg/dL		----- ----- -----	----- ----- -----	----- ----- -----

Item	Clinical significance
TP	Commonly seen in dehydration and the increase of immunoglobulin; Commonly seen in malnutrition, chronic inflammation, diseases related to liver, kidney and gastrointestinal canal;
ALB	Commonly seen in dehydration; Commonly seen in malnutrition, damage of liver function, massive bleeding, parasite and other consumptive diseases related to intestinal tract;
GLO	Commonly seen in chronic inflammation and infection; No clinical significance;
A/G	Reduction is common in liver diseases (such as chronic hepatitis, cirrhosis, liver cancer, liver injury, etc.), nephrotic syndrome, acute and chronic nephritis, infection or malnutrition.
TBIL	Commonly seen in abnormal function of liver and gallbladder; Commonly seen in anemia;
ALT	Commonly seen in primary hepatocellular disease, diseases of the liver and biliary system, metabolic disorder and secondary liver disease; No clinical significance;
ALP	Commonly seen in diseases of liver and bile, therioma and drug effects; Commonly seen in hypothyrea and Zinc deficiency;
BUN	Commonly seen in renal lesions, excessive decomposition of protein and high protein intake; Commonly seen in hepatic failure and deficiency of protein absorption;
CRE	Commonly seen in kidney diseases; Commonly seen in malnutrition and muscular atrophy;
BUN/CRE	Higher Ratio is more common in fever, dehydration, gastrointestinal bleeding, cardiac insufficiency, hepatorenal syndrome, urinary tract obstruction, high-protein diet, etc .; lower ratio is more common in hunger, low-protein diet, combined with severe liver failure, use Diuretic drugs, etc.

Remark: Due to the complexity and individuality of the test results of specific cases, the interpretation of clinical significance is for reference only and cannot serve as the evidence for specific disease diagnoses.

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 Submitt: Operator: Reviewer:

Remark: *The result is only responsible for this sample*

CK	Commonly seen in myocardial infarction or muscle atrophy; No clinical significance;
AMY	Commonly seen in pancreatitis, renal lesions and diseases of intestinal mucosa; Commonly seen in pancreatic necrosis caused by blockage of pancreatic duct;
GLU	Commonly seen in hypoinsulinism; Commonly seen in malnutrition, cacoehilia and chronic anemia;
CHOL	Commonly seen in cryptorrhoea and endocrine disorder; Commonly seen in excessive exercise, malnutrition, progressive liver disease and hyperthyroidism;
Ca	Commonly seen in hypercalcaemia, primary parathyroidism and multiple myeloma; Commonly seen in hypocalcaemia and absorption disorder of small intestine;
P	Commonly seen in bone healing, growth period and kidney diseases; Commonly seen in unbalanced diet and hyperthyroidism;
Ca*P	Low value: hinder bone calcification, and even dissolve bone salt, which affects osteogenesis; High value: Calcium and phosphorus in form of bone salt are deposited in bone tissue, prone to calcification of soft tissues (blood vessels, skin, muscles)

Remark: Due to the complexity and individuality of the test results of specific cases, the interpretation of clinical significance is for reference only and cannot serve as the evidence for specific disease diagnoses.

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