



www.ERYTHRON-lab.com

سن: ۳۲ سال نام مراجع: آقا حسین شکرانی

سابقه: ۴ صفحه: ۱ از: ۴

تاریخ پذیرش: ۱۴۰۳/۰۴/۱۱



شماره پذیرش: ۵۱۴۷۴

Clinical Chemistry

Checked By Sh.Baghinia

Test	Risk	Result	Unit	Reference(Based on Sex/Age)
FBG(Fasting Blood Glucose)		92	mg/dL	Normal: 70-99 Prediabetes: 100-125 Diabetics: >126
BUN(Blood Urea Nitrogen)		9.2	mg/dL	8.0-24
Creatinine		1.15	mg/dL	0.74-1.35
eGFR(CKD-EPI 2021)		86.7	mL/min/1.73	Stage G1≥90 Stage G2: 60-89 Stage G3a: 45-59 Stage G3b: 30-44 Stage G4: 15-29 Stage G5: <15
Uric Acid		6.4	mg/dL	3.6-8.2
Cholesterol(Total)		223	mg/dL	*Desirable:.....<200 *Moderate Risk:.....200-239 *High risk:.....>240
Triglycerides		196	mg/dL	*Desirable:.....<200 *Borderline high:.....200-400 *Elevated:.....>400
LDL(Cholestrol)		132	mg/dL	* Low risk <130 * Borderline: 130-159 * Elevated:>160
HDL(Cholestrol)		39	mg/dL	* Low risk >65 * Moderate: 45-65 * High risk <45
LDL:HDL Ratio		3.38		* Low risk: 0.5-3.0 * Moderate: 3.1-6.0 * High risk: >6.0
RC(Remnant Cholestrol)		52	mg/dL	*No risk:..<15 *Low-Medium risk:15-27 *High-Medium risk:27-43 *High risk:>43
Calcium(Total)		9.0	mg/dL	8.5-10.5
Phosphorus (Inorganic)		3.6	mg/dL	2.6-4.5
Na(Sodium)		141	mEq/L	136-145
K(Potassium)		4.30	mEq/L	3.5-5.0
ALT(SGPT)		38	U/L	<41
AST(SGOT)		23	U/L	4-43
ALP		148	U/L	80-306
Iron		67	µg/dL	40-155
TIBC		260	µg/dL	250-450
Transferrin		208	mg/dL	200-360
Transferrin Saturation (%)		25.8	%	20-50



www.ERYTHRON-lab.com

سن: ۳۲ سال

نام مراجعه کننده آقای حسین شکرانی

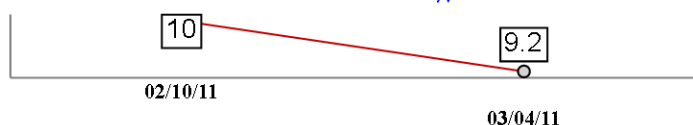
سابقه: ۴ صفحه: ۲ از: ۴

تاریخ پذیرش: ۱۴۰۳/۰۴/۱۱

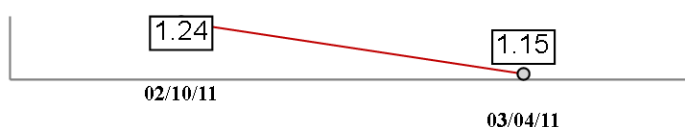


شماره پذیرش: ۵۱۴۷۴

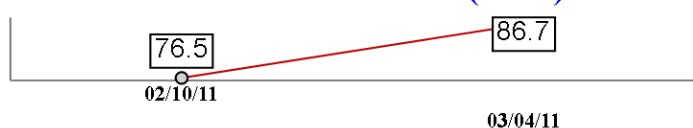
Blood Urea Nitrogen



Creatinine



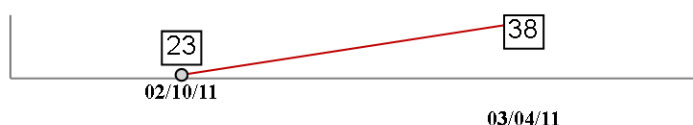
Estimated Glomerular Filtration Rate(eGFR).CKD-EPI



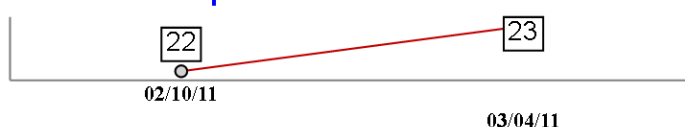
Uric Acid



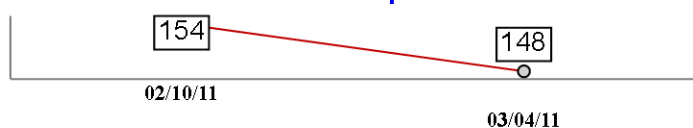
Alanine Aminotransferase



Aspartate Aminotransferase



Alkaline Phosphatase



Hematology Department

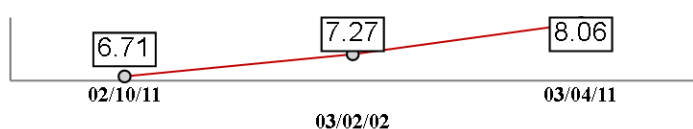
Checked By Dr.Asri

Test Risk Result Unit Reference(Based on Sex/Age)
ESR 8 mm 0-15

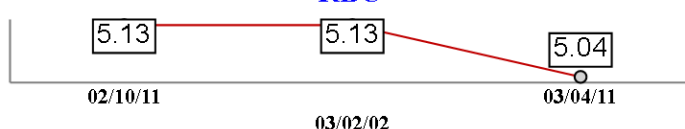
Complete Blood Count

WBCs	Result	Unit	Reference Value	RBCs	Result	Unit	Reference Value
WBC	8.06	10 ³ /μL	3.40-10.40	RBC	5.04	10 ⁶ /μL	4.10-5.70
Neutrophils	54.40	%	40-80	Hgb	15.4	g/dL	14.00-18.0
Lymphocytes	34.60	%	20.5-51.1	Hct	46.2	%	42-52
Monocytes	6.90	%	2-10	MCV	91.6	fL	80-97
Eosinophils	3.50	%	0-4	MCH	30.6	Pg	27-31
Basophils	0.60	%	0-2	MCHC	33.3	g/dL	32-37
Neutrophils#	4.38	10 ³ /μL	1.40-7.20	RDW-CV	13.6	%	11.5-14.5
Lymphocytes#	2.79	10 ³ /μL	0.95-3.90	RDW-SD	46.3	fL	20-50
Monocytes#	0.56	10 ³ /μL	0.20-0.81	nRBC%	0.0	%	
Eosinophils#	0.28	10 ³ /μL	0.00-0.53	nRBC#	0.0	10 ³ /μL	
Basophils#	0.05	10 ³ /μL	0.00-0.10	Platelets	210	10 ³ /μL	150-450
				MPV	10.3	fL	6.5-12
				PDW	16.3	%	10-20
				P-LCR	27.5	%	13-43

WBC



RBC





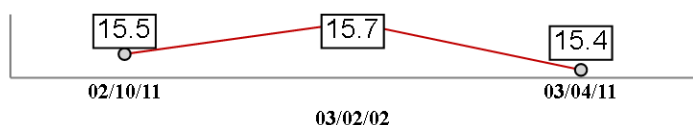
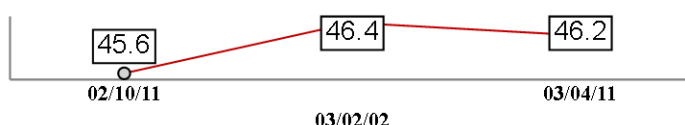
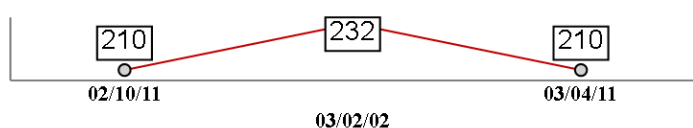
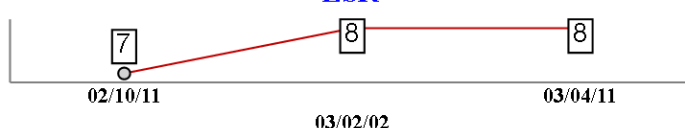
www.ERYTHRON-lab.com

سن: ۳۲ سال نام مراجع: آقا حسین شکرانی

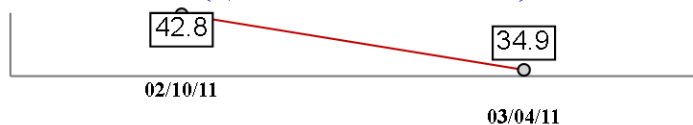
سابقه: ۴ صفحه: ۳ از: ۴

تاریخ پذیرش: ۱۴۰۳/۰۴/۱۱

شماره پذیرش: ۵۱۴۷۴

**Hb****Hct****Platelet****ESR****Specific Clinical Chemistry; HPLC**

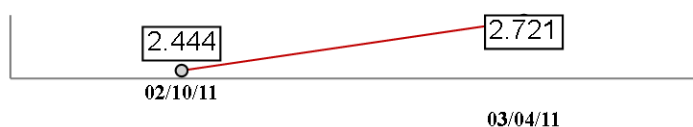
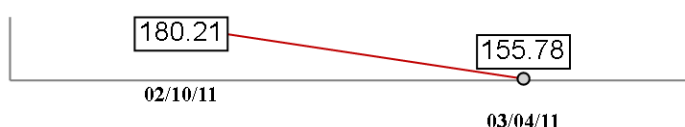
Test	Risk	Result	Unit	Reference(Based on Sex/Age)
Vitamin D		34.90	ng/mL	Deficient <10 Insufficient 10-29 Sufficient 30-100 Potential Intoxication >100

Vitamin D(3;25 OH. Cholecalciferol)- HPLC**Endocrinology & Immunodiagnostics**

Test	Risk	Result	Unit	Reference(Based on Sex/Age)
TSH-CLIA		2.721	μIU/mL	0.5-5.5

A lot of preanalytical variable such as Drugs(Metformin, Steroids, NSAIDs, OCP, Anti-depressant, Lithium, Inorganic iodides,...), Stress, Hospitalization, Pregnancy, Long fasting, Exercise, Inflammation, Menstruation,... cause prominent variation in serum TSH level; for more information review-TSH pitfall in www.erythron-lab.com.

T4(Total)-CLIA		6.3	μg/dL	5.0 - 13.0
Free T3-CLIA		2.13	pg/mL	Euthyroid: 2 - 4.4 pg/ml
Ferritin-ECLIA		155.78	ng/mL	20-300

TSH. CLIA**Ferritin-ECLIA**



www.ERYTHRON-lab.com

سن: ۳۲ سال

نام مراجعه کننده: آقای حسین شکرانی

سابقه: ۴ صفحه: ۴ از: ۴

تاریخ پذیرش: ۱۴۰۳/۰۴/۱۱

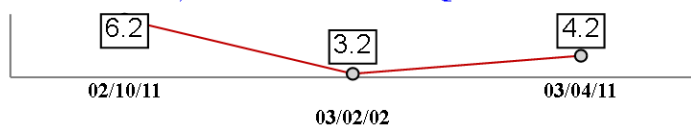


شماره پذیرش: ۵۱۴۷۴

Immunology & Serology

Test	Risk	Result	Unit	Reference(Based on Sex/Age)
CRP (Quantitative)		4.2	mg/L	<6

CRP;C.Reactive Protein-Quantitative



Fluids Analysis & Culture

Checked By M.moslehi

Test	Risk	Result	Unit	Reference(Based on Sex/Age)
------	------	--------	------	-----------------------------

Urinalysis

Macroscopy

Color	Yellow		
Appearance	Clear		
Specific gravity	1.020		1.005-1.030
pH	6.0		5-8
Protein	Neg		
Ketones	Neg		
Glucose	Neg		
Bilirubin	Neg		
Urobilinogen	Neg		
Blood	Neg		
Hemoglobin	Neg		

Microscopy

WBC/hpf	1-2	Cells	1-2
RBC/hpf	1-2	Cells	1-2
Dysmorphic RBC	Neg		
Squamous EP/hpf	0-1	Cells	1-2
Path cells/hpf	Neg		
Crystals /hpf	Neg		
Others/hpf	Neg		

Infection Indicators

Bacteria/hpf	Neg
Leu.Esterase	Neg
Nitrite	Neg
Mucus	Rare

Urine Culture

Urine

Result

No bacterial growth after 24 hrs incubation .

Dr. M. Reisi Far
MD. AP

Dr. Sh. Kouhpayeh
PhD. in Clinical immunology

Dr. F. Fereidoun

DCLS

دکتر فرزاد فریدون
دکتر شیرین کوهپایه
نظام پزشکی: ۷۴۵. آ.ع
۴۰۸۰۰.آ.ع