



Patient Information	Specimen Information	Client Information
		MAIL992
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COMMENTS: FASTING:YES

AN UPDATE OR CORRECTION HAS BEEN MADE TO NAME SPECIALIZED CO

Test Name	In Range	Out Of Range	Reference Range	Lab
IRON, TIBC AND FERRITIN PANEL IRON AND TOTAL IRON				EN
BINDING CAPACITY				ПП
IRON, TOTAL		39 L	40-190 mcg/dL	
IRON BINDING CAPACITY	389		250-450 mcg/dL (calc)	
% SATURATION		10 L	16-45 % (calc)	
FERRITIN	25		16-154 ng/mL	EN
TESTOSTERONE, FREE (DIALYSIS)	AND TOTAL (MS)			
TESTOSTERONE, TOTAL, MS	25		2-45 ng/dL	SLI

For additional information, please refer to http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS (This link is being provided for informational/ educational purposes only.)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

TESTOSTERONE, FREE

(DIALYSIS)

TESTOSTERONE, FREE 1.1

0.1-6.4 pg/mL

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LIPOPROTEIN (a) <10

 ${\tt nmol/L}$

EN

SLI

Verified by repeat analysis.

Reference Range <75

Risk:

Optimal <75
Moderate 75-125
High >125

Cardiovascular event risk category cut points (optimal, moderate, high) are based on Tsimika S. JACC 2017;69:692-711.

112 H mg/dL Reference Range < 90

Risk Category:

Optimal <90Moderate 90-119High > or = 120

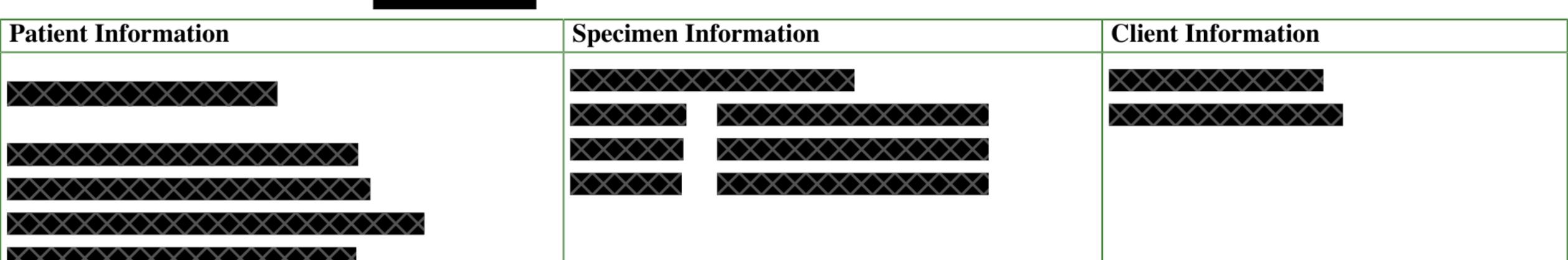
APOLIPOPROTEIN B

XXXXXXXXXXXXXX

EN



TSH



XXXXXXXXXXXX			
Test Name		ut Of Range Reference Range Cardiovascular event risk category cut points (optimal, moderate, high) are based on National Lipid Association recommendations-Jacobson TA et al. J of Clin Lipid. 2015; 9: 129-169 and Jellinger PS et al. Endocr Pract. 2017;23(Suppl 2):1-87.	Lab
COMPREHENSIVE METABOLIC			$\mathbf{E}\mathbf{N}$
PANEL	0.5	CE 00 / -1=	
GLUCOSE	85	65-99 mg/dL	
		Fasting reference interval	
UREA NITROGEN (BUN)	7	7-25 mg/dL	
CREATININE	0.57	0.50-1.10 mg/dL	
eGFR NON-AFR. AMERICAN	126	> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	146	> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE	6-22 (calc)	
SODIUM	136	135-146 mmól/L	
POTASSIUM	4.3	3.5-5.3 mmol/L	
CHLORIDE	104	98-110 mmol/L	
CARBON DIOXIDE	24	20-32 mmol/L	
CALCIUM	9.6	8.6-10.2 mg/dL	
PROTEIN, TOTAL	6.9	6.1-8.1 g/dL	
ALBUMIN	4.3	3.6-5.1 g/dL	
GLOBULIN	2.6	1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.7	1.0-2.5 (calc)	
BILIRUBIN, TOTAL	1.1	0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	55	31-125 U/L	
AST	17	10-30 U/L	
ALT	7	6-29 U/L	
HEMOGLOBIN A1c	4.9	<5.7 % of total Hgb	${\tt EN}$
For the purpose of scree	ning for the presend	ce of	

For the purpose of screening for the presence of diabetes:

> or =6.5% Consistent with diabetes

This assay result is consistent with a decreased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin Alc for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin Alc <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes(ADA).

Therapeutic target for gout patients: <6.0 mg/dL

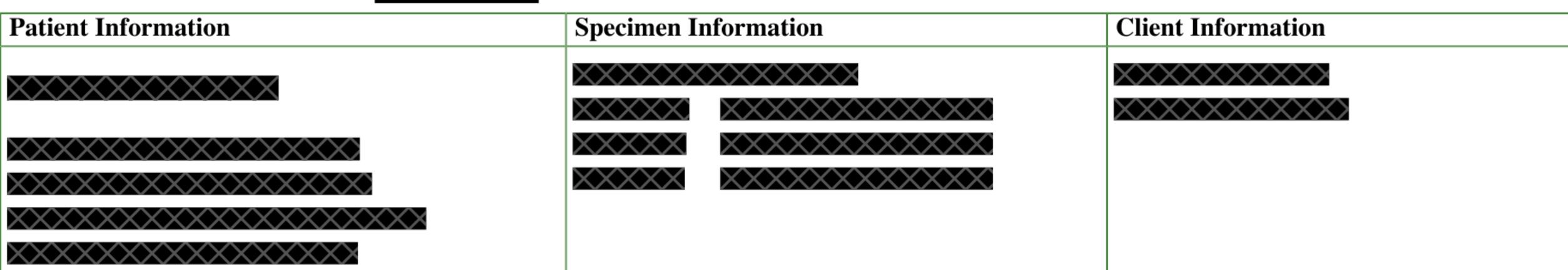
0.80 mIU/L

URIC ACID 4.7 2.5-7.0 mg/dL

EN

EN





Test Name	In Range	Out Of Range Reference Range Reference Range	Lab
		> or = 20 Years 0.40-4.50	
		Pregnancy Ranges	
		First trimester 0.26-2.66	
		Second trimester 0.55-2.73	
		Third trimester 0.43-2.91	
T4, FREE	1.0	0.8-1.8 ng/dL	EN
T3, FREE	2.6	2.3-4.2 pg/mL	EN
IGF 1, LC/MS	149	63-373 ng/mL	$\mathbf{E}\mathbf{Z}$
Z SCORE (FEMALE)	-0.2	-2.0 - +2.0 SD	

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CBC (INCLUDES DIFF/PLT)		${f E}$	N
WHITE BLOOD CELL COUNT	7.4	3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.40	3.80-5.10 Million/uL	
HEMOGLOBIN	12.6	11.7-15.5 g/dL	
HEMATOCRIT	37.5	35.0-45.0 €	
MCV	85.2	80.0-100.0 fL	
MCH	28.6	27.0-33.0 pg	
MCHC	33.6	32.0-36.0 g/dL	
RDW	11.9	11.0-15.0 %	
PLATELET COUNT	237	140-400 Thousand/uL	
MPV	11.0	7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	5950	1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1066	850-3900 cells/uL	
ABSOLUTE MONOCYTES	348	200-950 cells/uL	
ABSOLUTE EOSINOPHILS	7 L	15-500 cells/uL	
ABSOLUTE BASOPHILS	30	0-200 cells/uL	
NEUTROPHILS	80.4	8	
LYMPHOCYTES	14.4	8	
MONOCYTES	4.7	8	
EOSINOPHILS	0.1	8	
BASOPHILS	0.4	8	
URINALYSIS, COMPLETE		\mathbf{E}^{1}	N
COLOR	YELLOW	YELLOW	
APPEARANCE	CLEAR	CLEAR	
SPECIFIC GRAVITY	1.008	1.001-1.035	
PH	6.0	5.0-8.0	
GLUCOSE	NEGATIVE	NEGATIVE	
BILIRUBIN	NEGATIVE	NEGATIVE	
KETONES	NEGATIVE	NEGATIVE	
OCCULT BLOOD	NEGATIVE	NEGATIVE	
PROTEIN	NEGATIVE	NEGATIVE	
NITRITE	NEGATIVE	NEGATIVE	
LEUKOCYTE ESTERASE	1+	NEGATIVE	
WBC	0-5	< OR = 5 / HPF	
RBC	NONE SEEN	< OR = 2 / HPF	
SQUAMOUS EPITHELIAL CELLS	NONE SEEN	< OR = 5 / HPF	