



Alcala Testing & Analysis Services
 3703 Camino Del Rio South 100-A
 San Diego, CA 92108
Phone: (619)450-5870 Fax: (619)450-6023
Director: Dr. David J. Smith, MD

APPROVAL REQUIRED

Patient:	TEST, PATIENT	MRN:	7006	Acc #:	36738	
Patient #:	1-008	Birth:	1/2/1978	Fasting:	YES	
Doctor:	Doctor, Test	Age:	39 years	Collection Date:	4/3/2017 3:41 PM	LAB
		Gender:	Female	Received in Lab:	4/3/2017 11:34 AM	LAB

Test Name	Result	Units	Flag	Reference Range
Run by: CT on 4/10/2017 11:38 AM				
[A] CBC PANEL				
Preliminary Results Manager Approval Required				
Prothrombin INR (PT-INR)	1.10	INR		0.90 - 1.20
WBC	5.0	10e3/uL		4.1 - 10.9
LYM	4.0	10e3/uL		0.6 - 4.1
MID	1.5	10e3/uL		0.0 - 1.8
GRA	5.0	10e3/uL		2.0 - 7.8
LYM%	50.0	%		10.0 - 58.5
MID%	5.0	%		0.1 - 24.0
RBC	5.00	10e6/uL		4.20 - 6.30
HGB	15.0	g/dL		12.0 - 18.0
HCT	45.0	%		37.0 - 51.0
MCV	90.0	fL		80.0 - 97.0
MCH	30.0	pg		26.0 - 32.0
MCHC	35.0	g/dL		31.0 - 36.0
RDW	12.0	%		11.5 - 14.5
PLT	150	10e3/uL		140 - 440
MPV	5.0	fL		0.0 - 49.9
GRA%	90.0	%		37.0 - 92.0



Alcala Testing & Analysis Services
 3703 Camino Del Rio South 100-A
 San Diego, CA 92108
Phone: (619)450-5870 Fax: (619)450-6023
Director: Dr. David J. Smith, MD

APPROVAL REQUIRED

Patient:	TEST, PATIENT	MRN:	7006	Acc #:	36738	
Patient #:	1-008	Birth:	1/2/1978	Fasting:	YES	
Doctor:	Doctor, Test	Age:	39 years	Collection Date:	4/3/2017 3:41 PM	LAB
		Gender:	Female	Received in Lab:	4/3/2017 11:34 AM	LAB

Test Name	Result	Units	Flag	Reference Range
[A] FEMALE WELLNESS SUBPANEL - BLOOD				
<i>**Preliminary Results** Manager Approval Required</i>				
Amylase	100	U/L		25 - 125
Apolipoprotein B	150.00	mg/dL		53.00 - 182.00
Bilirubin (Direct)	0.400	mg/dL		0.010 - 0.500
C-Peptide	5.0	ng/mL		0.8 - 5.2
Complement C4	50	mg/dL		15 - 57
C-reactive protein (CRP)	0.540	mg/dL	HIGH	0.020 - 0.500
Cholesterol (Total)	250.0	mg/dL	HIGH	199.0 - 240.0
Triglycerides	150.0	mg/dL		1.0 - 200.0
HDL Ultra (High-density Lipoprotein)	50.0	mg/dL		40.0 - 60.0
Direct LDL(DLDL)	120.0	mg/dL		80.0 - 190.0
Estradiol	300.00	pg/mL		10.00 - 649.00
Progesterone	150.0	ng/mL		0.0 - 242.5
Lactate Dehydrogenase (LDH)	180.0	U/L		125.0 - 243.0
Lipoprotein (a)	15.0	mg/dL		1.0 - 30.0
Lithium	< 0.101	mmol/L		1.00 - 1.20
Iron	150.0	ug/dL		50.0 - 170.0
Insulin	5.0	uU/mL		1.0 - 300.0
Homocysteine	5.0	umol/L		4.4 - 13.6
HbA1c_IA	<4.0%	%		0.2 - 4.5
*** Please note: This HbA1c assay is suitable for Monitoring purposes only - please request an additional HbA1c chemistry-assay suitable for the diagnosis of Diabetes mellitus if required.				
Ferritin	150.00	ng/mL		20.00 - 200.00
Folate	15.0	ng/mL		7.0 - 31.4
Free Triiodothyronine (FT3)	3.5	pg/mL		1.7 - 4.2
Total Triiodothyronine (TT3)	1.1	ng/mL		0.8 - 2.0
Free Thyroxine (FT4)	1.0	ng/dL		0.7 - 1.5
Total Thyroxine (TT4)	5.0	ug/dL		4.5 - 12.5
Thyroid Stimulating Hormone (TSH)	4.0000	uIU/mL		0.4000 - 4.2000
T-Uptake	25.0	%		20.0 - 37.0
Parathyroid Hormone (PTH)	70.0	pg/mL		8.7 - 77.1
Transferrin	150.0	mg/dL	LOW	180.0 - 382.0
Total Iron Binding Capacity (TIBC)	187.50	ug/dL	LOW	225.00 - 478.00
Transferrin Saturation (%)	80.0	%	HIGH	15.0 - 50.0
Rheumatoid Factor (RF)	<15.0	IU/mL		0.1 - 30.0
Vitamin B12	1850.0	pg/mL	HIGH	213.0 - 816.0
Vitamin D3	40.0	ng/mL		13.0 - 47.0



Alcala Testing & Analysis Services
 3703 Camino Del Rio South 100-A
 San Diego, CA 92108
Phone: (619)450-5870 Fax: (619)450-6023
Director: Dr. David J. Smith, MD

APPROVAL REQUIRED

Patient:	TEST, PATIENT	MRN:	7006	Acc #:	36738
Patient #:	1-008	Birth:	1/2/1978	Fasting:	YES
Doctor:	Doctor, Test	Age:	39 years	Collection Date:	4/3/2017 3:41 PM LAB
		Gender:	Female	Received in Lab:	4/3/2017 11:34 AM LAB

Test Name	Result	Units	Flag	Reference Range
[A] COMPLETE METABOLIC PANEL				
Preliminary Results Manager Approval Required				
Albumin BCP	3.5	g/dL		3.5 - 6.0
Calculated Globulin (CG)	4.5	g/dL	HIGH	1.9 - 3.7
A/G Ratio	0.8		LOW	1.0 - 2.5
Alkaline Phosphatase	120.0	U/L		55.0 - 135.0
Alanine Aminotransferase (ALT)	<6	U/L		1.0 - 55.0
Aspartate Aminotransferase (AST)	5.0	U/L		5.0 - 34.0
Bilirubin (Total)	1.100	mg/dL		0.200 - 1.200
Calcium	9.00	mg/dL		8.40 - 10.20
Chloride	140.0	mmol/L	HIGH	98.0 - 107.0
Potassium	5.0	mmol/L		3.5 - 5.1
Sodium	138.0	mmol/L		136.0 - 145.0
Creatinine	0.80	mg/dL		0.60 - 1.10
Carbon Dioxide (CO2)	26.0	mEq/L		22.0 - 29.0
Glucose	100.0	mg/dL		70.0 - 105.0
Total Protein	8.00	g/dL		6.00 - 8.00
Urea (BUN) - Blood Urea Nitrogen	15.0	mg/dL		7.0 - 18.7



Alcala Testing & Analysis Services
3703 Camino Del Rio South 100-A
San Diego, CA 92108
Phone: (619)450-5870 **Fax:** (619)450-6023
Director: Dr. David J. Smith, MD

APPROVAL REQUIRED

Patient:	TEST, PATIENT	MRN:	7006	Acc #:	36738
Patient #:	1-008	Birth:	1/2/1978	Fasting:	YES
Doctor:	Doctor, Test	Age:	39 years	Collection Date:	4/3/2017 3:41 PM LAB
		Gender:	Female	Received in Lab:	4/3/2017 11:34 AM LAB

Test Name	Result	Units	Flag	Reference Range
[A] eGFR calculated (Female) - 2009 CKD-EPI creatinine equation				Run by: CT on 4/10/2017 11:38 AM
Preliminary Results Manager Approval Required				
eGFR calculated (Female)	93	(mL/min/1.73m2)		60 - 120
AA eGFR calculated (Female)	108	(mL/min/1.73m2)		60 - 120
BUN/Creatinine Ratio (BCR)	19			6 - 22

Reviewed By: _____

Date: _____