

Client: BRUCE MOSKOWITZ, M.D.	2622	Patient: EPSTEIN, JEFFREY	
1411 N. FLAGLER DR.		Room#	DOB. 01/20/1953
SUITE 7100		Phone: [REDACTED]	Age:63 Sex:M
WEST PALM BEACH, FL 33401		ID#:	262219530120MJE
Phys: MOSKOWITZ, BRUCE	[REDACTED]	Route#:	0
			Fasting: N
			Page:1

Acc# 001081881	Coll. Date: 03/28/16	Recv. Date: 03/28/16	Print Date: 03/30/16
Chart# 19530120MJE	Coll. Time: 00:00 AM	Recv. Time:16:54:03	Print Time: 07:40
First reported on:	03/28/16	Final report date:	03/29/16

Test Name	Results	Normal Range	Units
-----------	---------	--------------	-------

Report Status: FINAL
COMMENTS:
COMPLETE BLOOD COUNT

WHITE BLOOD CELL	3.1 L	3.9 - 11.1	K/ul
------------------	--------------	------------	------

Slide made

RED BLOOD CELL	5.18	4.2 - 6.0	M/ul
HEMOGLOBIN	14.7	13.2 - 18.0	g/dl
HEMATOCRIT	44.9	38.5 - 54.0	%
MCV	87	80.0 - 100.0	fl
MCH	28.4	26.0 - 34.0	pg
MCHC	32.8	31.0 - 37.0	g/dl
RDW	13.8	11.0 - 15.5	%
PLATELET COUNT	259	140 - 400	k/ul
MPV	9.3	7.5 - 11.6	fl

DIFFERENTIAL

GR%	37.0 L	38 - 75	%
LY%	41.8	15 - 49	%
MO%	11.1	2.0 - 13.0	%
EO%	8.6 H	0 - 8	%
BA%	1.5	0 - 2	%
GR#	1.2 L	1.6 - 8.4	K/ul
LY#	1.3	1.0 - 3.6	K/ul
MO#	0.3	0.0 - 0.9	K/ul
EO#	0.3	0.0 - 0.6	K/ul
BA#	0.0	0.0 - 0.2	K/ul

Smear review agrees with automated differential.

HEMATOLOGY TESTS

Sedimentation Rate	25 H	0 - 20	mm/hr
--------------------	-------------	--------	-------

GENERAL CHEMISTRY

GLUCOSE	107 H	65 - 100	mg/dl
BUN	26 H	6 - 20	mg/dl
CREATININE, SERUM	1.0	0.5 - 1.2	mg/dl
URIC ACID	6.3	3.4 - 7.0	mg/dl
SODIUM	139	133 - 145	mmol/L
POTASSIUM	4.5	3.3 - 5.1	mmol/L
CHLORIDE	101	96 - 108	mmol/L
CO2	22	22 - 32	mmol/L
CALCIUM	9.8	8.5 - 10.5	mg/dl

(Continued on Next Page)

Client: BRUCE MOSKOWITZ, M.D. 2622 1411 N. FLAGLER DR. SUITE 7100 WEST PALM BEACH, FL 33401 Phys: MOSKOWITZ, BRUCE	Patient: EPSTEIN, JEFFREY Room# [REDACTED] DOB. 01/20/1953 Phone: [REDACTED] ID#: 262219530120MJE Route#: 0	Age:63 Sex:M Fasting: N Page:2
---	--	--------------------------------------

Acc# 001081881	Coll. Date: 03/28/16	Recv. Date: 03/28/16	Print Date: 03/30/16
Chart# 19530120MJE	Coll. Time: 00:00 AM	Recv. Time:16:54:03	Print Time: 07:40
First reported on:	03/28/16	Final report date:	03/29/16

Test Name	Results	Normal Range	Units
GENERAL CHEMISTRY (Continued)			
TOTAL PROTEIN	6.9	6.4 - 8.3	g/dl
ALBUMIN	4.3	3.2 - 4.8	g/dl
GLOBULIN	2.6	2.1 - 3.6	g/dl
BILIRUBIN, TOTAL	0.6	0.0 - 1.0	mg/dl
ALKALINE PHOSPHATASE	57	35 - 129	U/L
ALT	25	<42	U/L
AST	19	<39	U/L
Albumin/Globulin Ratio	1.7	0.8 - 2.0	
BUN/CREAT RATIO	26.0 H	7.3 - 21.7	
GFR, estimated	80		ml/min
If African-American result is: >60 Calculation of estimated GFR is based on the MDRD Study prediction equation ****Five Stages of Chronic Kidney Disease****			
Stage	*GFR Level*	*Description*	
Stage 1	90 ml/min or more	Healthy Kidneys or Kidney damage with normal or high GFR	
Stage 2	60 to 89 ml/min	Kidney damage and mild decrease in GFR	
Stage 3	30 to 59 ml/min	Moderate decrease in GFR	
Stage 4	15 to 29 ml/min	Severe decrease in GFR	
Stage 5	< 15 ml/min	Kidney failure, or on dialysis	
DIABETES EVALUATION			
HEMOGLOBIN A1C	5.6	< 5.7	%
Diagnosis Normal < 5.7 % Prediabetes 5.7 - 6.4 % Diabetes = or > 6.5 %			
HbA1c Level Normal < 5.7 % Prediabetes 5.7 - 6.4 % Diabetes = or > 6.5 %			
Having prediabetes is a Risk Factor for getting type 2 diabetes. Within the prediabetes range(5.7-6.4), the higher the HbA1c, the greater the risk of diabetes. HbA1c target for diabetics depend on their history and health.			
IRON/ANEMIA EVALUATION			
VITAMIN B12	405	243 - 894	pg/ml
CORONARY RISK			
TRIGLYCERIDES	712 H	<150	mg/dl
CHOLESTEROL, TOTAL	206 H	<200	mg/dl
(Continued on Next Page)			

Client: BRUCE MOSKOWITZ, M.D.	2622	Patient: EPSTEIN, JEFFREY	
1411 N. FLAGLER DR.		Room#	DOB. 01/20/1953
SUITE 7100		Phone: [REDACTED]	Age:63 Sex:M
WEST PALM BEACH, FL 33401		ID#:	262219530120MJE
Phys: MOSKOWITZ, BRUCE	[REDACTED]	Route#:	0
			Fasting: N
			Page:3

Acc# 001081881	Coll. Date: 03/28/16	Recv. Date: 03/28/16	Print Date: 03/30/16
Chart# 19530120MJE	Coll. Time: 00:00 AM	Recv. Time:16:54:03	Print Time: 07:40
First reported on:	03/28/16	Final report date:	03/29/16

Test Name	Results	Normal Range	Units
CORONARY RISK (Continued)			
HDL CHOLESTEROL	23 L	>40	mg/dl
CHOL/HDL RATIO	9.0 H	<5.0	
The higher the Ratio, the higher CHD risk.			
CRP, Cardio	1.7	<3.0	mg/L
Risk of Cardiovascular Disease			
	Low Risk	CRP < 1.0	mg/L
	Medium Risk	CRP 1.0 - 3.0	mg/L
	High Risk	CRP > 3.0	mg/L
HOMOCYSTEINE	16.2 H	4.5 - 15.0	umol/L
Ideal level <8.0 umol/L			
THYROID TESTING			
T-Uptake	1.03	0.8 - 1.3	TBI
T4, FREE	1.10	0.9 - 1.7	ng/dl
TSH	1.800	0.27 - 4.2	uIU/ml
TUMOR MARKERS			
PSA, TOTAL	0.595	0.0 - 4.0	ng/ml
ENDOCRINE EVALUATION			
PROLACTIN	4.2	4.1 - 18.4	ng/ml
TESTOSTERONE, TOTAL	105 L	280 - 1100	ng/dl
Parathyroid Hormone, Intact	63.1	15 - 65	pg/ml
OTHER TESTS			
VITAMIN D,25-HYDROXY			
Vitamin D,25-OH,Total	40	>30	ng/ml

Notes:

Therapy is based on the measurement of Total Vitamin D (25-OH).
 Most experts agree that Vitamin D deficiency should be = or < 20 ng/ml.
 Vitamin D insufficiency is recognized as 21 - 29 ng/ml.
 The preferred level for Vitamin D (25-OH) is recommended to be = or >30 ng/ml

(Continued on Next Page)



5151 CORPORATE WAY
JUPITER, FL 33458-3101
(866)720-8386

Client: **BRUCE MOSKOWITZ, M.D.** 2622
1411 N. FLAGLER DR.
SUITE 7100
WEST PALM BEACH, FL 33401
Phys: MOSKOWITZ, BRUCE

Patient: **EPSTEIN, JEFFREY**
Room# [REDACTED] DOB. 01/20/1953 Age:63 Sex:M
Phone: [REDACTED] Fasting: N
ID#: 262219530120MJE
Route#: 0 Page:4

Acc# **001081881** Coll. Date: 03/28/16 Recv. Date: 03/28/16 Print Date: 03/30/16
Chart# 19530120MJE Coll. Time: 00:00 AM Recv. Time:16:54:03 Print Time: 07:40
First reported on: 03/28/16 Final report date: 03/29/16

Test Name	Results	Normal Range	Units
-----------	---------	--------------	-------

SEROLOGY

CRP, Inflammation	1.7	<5.0	mg/L
-------------------	-----	------	------

----- END OF REPORT -----