

# Diagnos-Techs, Inc.

Clinical & Research Laboratory  
 PO BOX 389662, Tukwila, WA 98138-0662  
 Tel: (425) 251-0596  
 CLIA License # 50D0630141

**Accession # 04-76372**

Received : 12/08/2004  
 Completed: 12/14/2004  
 Reported : 12/14/2004

BRIAN POPIEL, ND  
 5895 E TIERRA BUENA LANE  
  
 SCOTTSDALE AZ 85254  
 USA Tel: 480-221-0203 Fax: 1-480-657-6938

Results For:  
 FRANK  
 Age: 60 Gender: Male  
  
 Patient's Tel: 503 9772660  
 Specimen Collected: 12/05/2004

Code	Test Name	Result / Notes	Reference Values/Key
<b>FI</b>	<b><u>FOOD INTOLERANCE PANEL</u></b>		
FI1	Milk (Casein) Ab. SIgA	Negative	Normal: Negative.
FI2	Soy (Protein) Ab. SIgA	Positive	Normal: Negative.
FI3	Egg (Albumin) Ab. SIgA	Negative	Normal: Negative.
FI4	Gliadin Ab, SIgA	2 Negative	Borderline: 13-15 U/ml Positive: >15 U/ml
	Gliadins are polypeptides found in wheat, rye, oat, barley, and other grain glutens, and are toxic to the intestinal mucosa in susceptible individuals. Healthy adults and children may have a positive antigliadin test because of subclinical gliadin intolerance. Some of their symptoms include mild enteritis, occasional loose stools, fat intolerance, marginal vitamin and mineral status, fatigue, or accelerated osteoporosis. Scan. J. Gastroenterol. 29:248(1994)		
<b>GP10S</b>	<b><u>Extended O&amp;P</u></b>		
GP2	Ova & Parasites, x3 (Stool)	No Ova or Parasites Seen	
GP4	Giardia Antigen (Stool)	Negative	
GP5	Cryptosporidium Antigen (Stool)	Negative	
GP7S	Ameba histolytica Ab, SIgA (Saliva)	Not detected	
GP8S	Helicobacter pylori Ab, IgG	<3	Negative: < 3 U/ml Borderline: 3-5.5 U/ml Positive: >5.5 U/ml
AND	Androstenedione	333	Borderline Low: 100-150 pg/ml Normal: 151-350 pg/ml Borderline High: 351-450 pg/ml
CS1	Stool Cu. Fungi, Isol. & I.D.	No yeast isolated	+1=Trace +2=Light +3=Moderate +4=Abundant +5=Confluent
DHT	Dihydrotestosterone	57	39-89 pg/ml
FG1	Chymotrypsin (Stool)	6	Normal: >9 U/10g Low: 4-9

Accession: 04-76372

Continue Results For

FRANK

Code	Test Name	Result / Notes	Reference Values/Key
FG1	Chymotrypsin (Stool) Chymotrypsin is a marker enzyme for pancreatic exocrine output. A low Chymotrypsin value is suggestive of poor pancreatic output of all enzymes. Enzyme supplementation worth consideration		Abnormally Low <4
FG4	Occult Blood (Stool)	Negative	Normal: Negative
GP3	Bacterial Stool Cu. GP3 test performed by Lab Corp. of America, Kent WA or Pac Lab, Seattle WA.	No Pathogens detected Abundant mixed Gram negative rods/flora Abundant mixed Gram positive rods/flora.	Expected Findings: Moderate to abundant growth of mixed Gram (+) & (-) flora
GP3CD	C. Difficile: Toxins A & B (Stool)	Negative Testing Toxins A+B yields 99% sensitivity, single toxin test yields 83%.	
MB2	Total Intestinal SIgA (Stool)	<175  Depressed SIgA may be due to : 1) Prolonged gut transit time > 96 hrs 2) Deficiency in SIgA production due to reduced IGA immunocytes count 3) Elevated cortisol/DHEA ratio. For transit time measurement refer to test FG6 and for cortisol/DHEA refer to ASI.	Low <400 mg% dry wt Normal: 400-880 Elevated: >880
P17-OH	17-OH Progesterone	47 Normal	Adults Optimal: 22-100 pg/ml Borderline: 101-130 pg/ml Elevated: >130 pg/ml
TTF	Free Testosterone	83	Male: 25-65 pg/ml

# Diagnos-Techs, Inc.

Clinical & Research Laboratory  
 PO BOX 389662, Tukwila, WA 98138-0662  
 Tel: (425) 251-0596  
 CLIA License # 50D0630141

**Accession # 04-76372**

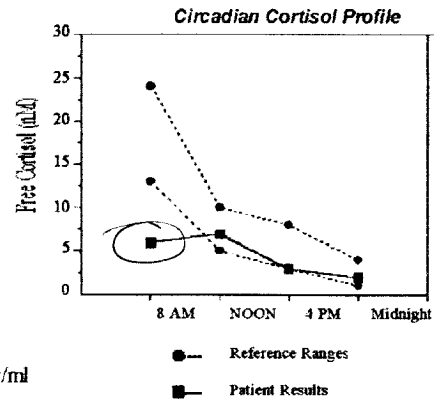
Received : 12/08/2004  
 Completed: 12/14/2004  
 Reported : 12/14/2004

BRIAN POPIEL, ND  
 5895 E TIERRA BUENA LANE  
  
 SCOTTSDALE AZ 85254  
 USA Tel: 480-221-0203 Fax: 1-480-657-6938

Results For:  
 FRANK  
 Age: 60 Gender: Male  
  
 Patient's Tel: 503 9772660  
 Specimen Collected: 12/05/2004

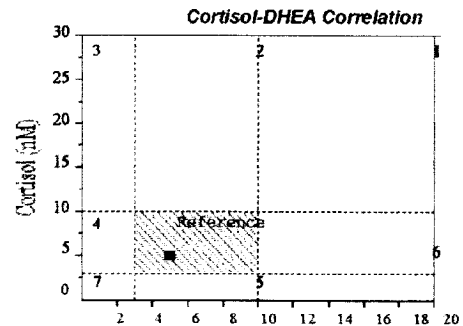
Test	Description	Result	Ref Values
------	-------------	--------	------------

Test	Description	Result	Ref Values
<b>NLASI</b>	<b>CUSTOM ASI</b>		
<b>TAP</b>	<b>Free Cortisol Rhythm</b>		
07:00 - 08:00 AM		6 Depressed	13-24 nM
11:00 - Noon		7 Normal	5-10 nM
04:00 - 05:00 PM		3 Normal	3-8 nM
11:00 - Midnight		2 Normal	1-4 nM
<b>Cortisol Burden:</b>		18	23 - 42
<b>DHEA</b>	<b>Dehydroepiandrosterone</b>	5 Normal	Adults (M/F): 3-10 ng/ml



**KEY: CORTISOL-DHEA CORRELATION**

1. Stress adapted "Hyper" response; minimal change.
2. Stress adapted with a divergence in response to ACTH.
3. Maladaptation Phase I.
4. Maladaptation Phase II.
5. Adrenal fatigue, non-adapted.
6. Inappropriate DHEA(S) value.
7. Adrenal failure.



**Patient Result Interpretations**

Depressed morning cortisol, < 13 nM, is suggestive of marginal HPA performance.  
 Normal rhythms exhibit highest cortisol value for the day at 7 - 8 AM.  
 Morning cortisol augmentation, or 11 Beta HSD inhibitors, as in licorice, worth consideration.  
 Suboptimal output of Cortisol. Marginal Adrenal Status Adrenal support [cortisol augmentation] and Glycemic control suggested  
 Glycemic control includes.

1. Frequent consumption of foods with a glycemic index between 70 - 110 [Consult a glycemic index table]
2. Supplemental intake of proteins with a biologic value above 0.75 [example: eggs, egg white, fish, etc.].
3. Increased intake of biotin for positive modulation of cellular glucokinase.
4. Optimization of chromium status.

# Diagnos-Techs, Inc.

Accession: 04-76372

Continue Results For: ( ) FRANK

Test	Description	Result	Ref Values
------	-------------	--------	------------

Diagnosis Code: 564.1 780.79

Please Note: All examples of patient treatment or therapy are for illustrative and/or educational purpose. Use this report in context of the clinical picture before initiating hormone or other therapies.

COURTESY INTERPRETATION of test and technical support are available upon request, to Physician Only