



# Morgan Scientific, Inc.

## PFT Laboratory

151 Essex Street  
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(978) 521-4440

Date of Test: 12/13/2005

Temp: 22°C  
Pressure: 762mmHg  
BTPS: 1.054

Name: **Ivan T. Morganski**      DOB: **11/16/1954**    Age: **51**      Study ID#: **09413352**      ID #: **A123**

Sex: **M**    Height: **190 cm**

Race: **W**    Weight: **101.4 Kg**

BMI: **28.1**



Smoker: **N**    Pack years: **N/A**

Study: **0**

Consultant: **Colin Chapman, M.D.**

Referring: **John Williams, M.D.**

Diagnosis: 1: **Cough**

2:

**Legend**    N = Normal    A = Abnormal    m = mild    M = Moderate    S = Severe    **Hb 14.8 Drawn 12/2/2005**

### Spirometry at BTPS

ATS

#### Pre Bronchodilator

#### Post Bronchodilator

		Actual	Predicted	% Pred	CI Range				Actual	% Pred	% Change
FVC	L	<b>7.61</b>	5.87	130	4.81	6.93	A	m	<b>7.67</b>	131	1
FEV1	L	<b>5.31</b>	4.53	117	3.63	5.43	N		<b>5.44</b>	120	2
FEV1 / FVC	%	<b>70</b>	78	90	68	----	N		<b>71</b>	91	1
FEF <sub>25-75</sub> %	L/s	<b>3.67</b>	3.89	94	2.06	5.71			----	----	----
PEFR	L/s	<b>13.15</b>	10.90	121	8.25	----			<b>13.26</b>	122	1

### Lung Volumes (He)

ATS

#### Pre Bronchodilator

		Actual	Predicted	% Pred	CI Range			
TLC	L	<b>9.92</b>	8.10	122	6.95	9.26	A	m
VC	L	<b>7.71</b>	5.87	131	4.81	6.93		
RV	L	<b>2.21</b>	2.38	93	1.70	3.06	N	
RV/TLC	%	<b>22</b>	34	65	29	----	A	
FRC	L	<b>4.25</b>	3.82	111	2.83	4.81	N	
IC	L	<b>5.67</b>	4.43	128	4.27	4.59		

### Diffusion

ATS

#### Pre Bronchodilator

		Actual	Predicted	% Pred	CI Range			
DLCO	mL/min/mmHg	<b>35.14</b>	35.01	100	26.58	43.44		
DLCO [Hb]	mL/min/mmHg	<b>34.94</b>	35.01	100	26.58	43.44	N	
VA [BTPS]	L	<b>10.56</b>	8.10	130	6.95	9.25		
DLCO/VA	mL/min/mmHg/L	<b>3.31</b>	4.34	76	3.56	5.11	A	m

#### Technician Comments:

Patient was very cooperative

#### Preliminary Description

FEV1, FVC, and FEV1/FVC are within normal limits. TLC is increased. FRC is normal. RV is normal. RV/TLC ratio is increased. Single breath diffusion capacity is normal. DL/VA is reduced.

