

Sample Lab Reports for Testing Medical Document System

Sample 1: Basic Metabolic Panel (Traditional Format)

LABORATORY REPORT

LabCorp - Laboratory Corporation of America

Patient Information:

Name: Johnson, Michael R.

DOB: 03/15/1975

Patient ID: LAB123456789

Collection Date: 08/12/2024

Report Date: 08/13/2024

BASIC METABOLIC PANEL

Test Name	Result	Reference Range	Flag
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Glucose	110 mg/dL	70-99 mg/dL	HIGH
Blood Urea Nitrogen (BUN)	18 mg/dL	6-20 mg/dL	
Creatinine	1.1 mg/dL	0.7-1.3 mg/dL	
eGFR	>60	>60 mL/min/1.73m²	
Sodium	140 mmol/L	136-145 mmol/L	
Potassium	4.2 mmol/L	3.5-5.1 mmol/L	
Chloride	101 mmol/L	98-107 mmol/L	
CO2	24 mmol/L	22-29 mmol/L	

ADDITIONAL TESTS

Hemoglobin A1c	6.1%	<5.7%	HIGH
Total Protein	7.2 g/dL	6.0-8.3 g/dL	
Albumin	4.1 g/dL	3.5-5.0 g/dL	

Physician: Dr. Sarah Martinez, MD

Lab Director: Dr. Robert Chen, MD, PhD

Sample 2: Complete Blood Count (CBC)

QUEST DIAGNOSTICS

Comprehensive Health Panel

Patient: Thompson, Jennifer L.

DOB: 07/22/1980

Account #: QD987654321

Collected: 08/10/2024 08:30 AM

Reported: 08/10/2024 02:15 PM

COMPLETE BLOOD COUNT WITH DIFFERENTIAL

WHITE BLOOD CELL COUNT 7.2 4.5-11.0 × 10³/μL

Red Blood Cell Count 4.3 4.0-5.2 × 10⁶/μL

Hemoglobin 13.8 g/dL 12.0-15.5 g/dL

Hematocrit 41.2% 36.0-46.0%

MCV 88 fL 80-100 fL

MCH 32.1 pg 26-34 pg

MCHC 33.5 g/dL 31-37 g/dL

RDW 13.2% 11.5-14.5%

Platelet Count 285 150-450 × 10³/μL

DIFFERENTIAL (Absolute)

Neutrophils 4.3 1.8-7.7 × 10³/μL

Lymphocytes 2.1 1.0-4.0 × 10³/μL

Monocytes 0.6 0.1-0.9 × 10³/μL

Eosinophils 0.2 0.0-0.4 × 10³/μL

Basophils 0.0 0.0-0.2 × 10³/μL

IRON STUDIES

Iron 85 μg/dL 60-170 μg/dL

TIBC 350 μg/dL 250-450 μg/dL

Transferrin Saturation 24% 20-50%

Ferritin 45 ng/mL 15-150 ng/mL

Sample 3: Comprehensive Metabolic Panel + Lipids

DESTINATION HEALTH PARTNERS
Functional Medicine Laboratory

Patient Name: Rodriguez, Carlos M.
Date of Birth: 11/08/1985
Patient ID: DHP-2024-0812
Collection Date: August 12, 2024
Provider: Kevin Rutherford, FNTP

COMPREHENSIVE METABOLIC PANEL

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GLUCOSE METABOLISM

Fasting Glucose	95 mg/dL	70-99 mg/dL	
Hemoglobin A1c	5.4%	<5.7%	
Fasting Insulin	12 µIU/mL	2-25 µIU/mL	
HOMA-IR	2.8	<2.5	ELEVATED

KIDNEY FUNCTION

BUN	16 mg/dL	6-20 mg/dL	
Creatinine	0.9 mg/dL	0.7-1.3 mg/dL	
BUN/Creatinine Ratio	17.8	10-20	
eGFR	>60	>60 mL/min/1.73m²	

ELECTROLYTES

Sodium	138 mmol/L	136-145 mmol/L	
Potassium	4.0 mmol/L	3.5-5.1 mmol/L	
Chloride	103 mmol/L	98-107 mmol/L	
CO2	25 mmol/L	22-29 mmol/L	

LIVER FUNCTION

ALT (SGPT)	28 U/L	7-56 U/L	
AST (SGOT)	24 U/L	10-40 U/L	
Total Bilirubin	0.8 mg/dL	0.3-1.2 mg/dL	
Alkaline Phosphatase	78 U/L	44-147 U/L	

LIPID PANEL

Total Cholesterol	195 mg/dL	<200 mg/dL	
LDL Cholesterol	125 mg/dL	<100 mg/dL	ELEVATED
HDL Cholesterol	48 mg/dL	>40 mg/dL	
Triglycerides	110 mg/dL	<150 mg/dL	
Non-HDL Cholesterol	147 mg/dL	<130 mg/dL	ELEVATED
TC/HDL Ratio	4.1	<5.0	

INFLAMMATORY MARKERS

C-Reactive Protein 2.8 mg/L <3.0 mg/L
ESR 15 mm/hr 0-30 mm/hr

NUTRITIONAL MARKERS

Vitamin D, 25-OH 32 ng/mL 30-100 ng/mL
Vitamin B12 450 pg/mL 200-900 pg/mL
Folate 8.2 ng/mL 2.7-17.0 ng/mL

Sample 4: Thyroid Function Panel

THYROID FUNCTION COMPREHENSIVE PANEL

Integrative Health Laboratory

Patient: Williams, Rebecca S.
DOB: 05/14/1978
Test Date: 08/11/2024
Physician: Dr. Amanda Foster, MD

THYROID HORMONES

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TSH	3.2 µIU/mL	0.4-4.0 µIU/mL
Free T4	1.1 ng/dL	0.8-1.8 ng/dL
Free T3	2.8 pg/mL	2.3-4.2 pg/mL
Reverse T3	18 ng/dL	8-25 ng/dL
T3/rT3 Ratio	15.6	>20 LOW

THYROID ANTIBODIES

TPO Antibodies	45 IU/mL	<35 IU/mL	ELEVATED
Thyroglobulin Antibodies	28 IU/mL	<40 IU/mL	
TSI	0.8	<1.3	

RELATED NUTRIENTS

Iodine (24hr urine)	125 µg/L	100-199 µg/L
Selenium	98 µg/L	70-150 µg/L
Zinc	85 µg/dL	70-120 µg/dL

Sample 5: Hormone Panel (Male)

COMPREHENSIVE HORMONE ASSESSMENT - MALE
Functional Medicine Associates

Patient: Brown, David K.
Age: 42 years
Collection: 08/10/2024 (Morning draw)
Report: 08/12/2024

MALE HORMONE PANEL

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Total Testosterone	385 ng/dL	300-1000 ng/dL
Free Testosterone	12.5 pg/mL	9.3-26.5 pg/mL
SHBG	28 nmol/L	16-55 nmol/L
DHT	45 pg/mL	30-85 pg/mL
Estradiol	32 pg/mL	7.6-42.6 pg/mL

ADRENAL FUNCTION

Cortisol (AM)	18.5 µg/dL	6.2-19.4 µg/dL
DHEA-S	295 µg/dL	164-530 µg/dL
Pregnenolone	85 ng/dL	22-237 ng/dL

METABOLIC MARKERS

IGF-1	185 ng/mL	101-267 ng/mL
Growth Hormone	1.2 ng/mL	0.0-10.0 ng/mL
PSA	1.1 ng/mL	0.0-4.0 ng/mL

Sample 6: Food Sensitivity Test (IgG)

FOOD SENSITIVITY PANEL - IgG4

Meridian Valley Lab

Patient: Anderson, Lisa M.

DOB: 09/03/1985

Test Date: 08/08/2024

DAIRY PRODUCTS

Reference: <2.0 = Normal

Cow's Milk	4.8	>2.0	REACTIVE
Cheddar Cheese	3.2	>2.0	REACTIVE
Yogurt	1.8	<2.0	NORMAL
Cottage Cheese	2.1	>2.0	REACTIVE

GRAINS

Wheat	5.6	>2.0	HIGH REACTIVE
Gluten	6.2	>2.0	HIGH REACTIVE
Oats	1.2	<2.0	NORMAL
Rice	0.8	<2.0	NORMAL
Barley	3.4	>2.0	REACTIVE

PROTEINS

Chicken	0.6	<2.0	NORMAL
Beef	2.8	>2.0	REACTIVE
Eggs (whole)	4.1	>2.0	REACTIVE
Salmon	0.9	<2.0	NORMAL
Tuna	1.1	<2.0	NORMAL

NUTS & SEEDS

Almonds	3.6	>2.0	REACTIVE
Peanuts	1.4	<2.0	NORMAL
Walnuts	0.7	<2.0	NORMAL
Sunflower Seeds	2.3	>2.0	REACTIVE

VEGETABLES

Tomato	2.9	>2.0	REACTIVE
Corn	1.9	<2.0	NORMAL
Broccoli	0.4	<2.0	NORMAL
Spinach	0.6	<2.0	NORMAL

SUMMARY: 8 reactive foods identified

High Reactive: Wheat, Gluten

Moderate Reactive: Cow's Milk, Eggs, Beef, Almonds, Tomato

How to Create Test Files

Option 1: Create Word Documents

1. Copy each sample above into Microsoft Word
2. Format with proper spacing and alignment
3. Export as PDF
4. Upload to your test system

Option 2: Create HTML Files

1. Save each sample as an HTML file with proper formatting
2. Print to PDF from browser
3. Upload for testing

Option 3: Use Online PDF Creators

1. Paste content into online PDF creators like SmallPDF
2. Download the generated PDFs
3. Test with your system

Expected Extraction Results

Traditional Labs (Samples 1-5):

- **Glucose:** 110 mg/dL (HIGH)
- **Hemoglobin A1c:** 6.1% (HIGH)
- **LDL Cholesterol:** 125 mg/dL (ELEVATED)
- **TSH:** 3.2 μ IU/mL
- **Total Testosterone:** 385 ng/dL

Food Sensitivity (Sample 6):

- **High Reactive:** Wheat, Gluten
- **Moderate Reactive:** Cow's Milk, Eggs, Beef, Almonds, Tomato
- **Total Reactive Foods:** 8

These samples will thoroughly test your extraction system across all major lab report types used in functional medicine! 📝