

# 2025

## Digital Health Test Menu



## LEVERAGE THE POWER OF MOLECULAR TESTING LABS' ASSAY OFFERINGS.

### REVOLUTIONIZING ACCESS TO ACTIONABLE TESTING SOLUTIONS.

We assist digital health companies with private-label home-collected testing solutions. By partnering with telehealth providers, telemedicine platforms, nutraceutical and supplement brands, and longevity companies, we expand their ability to deliver personalized diagnostics directly to consumers.

Our test menu includes a wide range of clinical and wellness assays, supported by streamlined logistics, lab processing, and technology integrations. This allows our partners to quickly launch or scale home-collected testing programs under their own brand, while we provide the scientific expertise, operational backbone, and compliance required to ensure a seamless patient experience.

# Wellness & Longevity

---

## Fitness + Nutrition

### 34 gene targets

(FTO-1, FTO-2, FTO-3, MC4R, ANKK1/DRD2, APOA2, PPARG, CYP1A2, MCM6, ALDH2, TAS2R38-01, TAS2R38-02, LEPR, NMB, ADIPOQ, LIPC, FADS1, KCTD10, MMAB, BCMO1-1, BCMO1-2, NBPFF3, MTHFR677, MTHFR1298, FUT2, GC, intergenic, EDN1, LPL, PPARG, INSIG2, PPARGC1A, ACTN3, SLC30A8, MMP3)

## Methylation

### 16 gene targets

(MTHFR 677, MTHFR 1298, COMT, VDR Taq1, VDR Fok1, BHMT, CBS, DHFR, FOLR1, GNMT, MAT1A, MTR, MTRR, PON1, SHMT1, TCN2)

# General Health

---

## Cardiovascular Testing

- High-Sensitivity C-Reactive Protein (hs-CRP)
- Lipoprotein(a)

## Celiac Disease

- Anti-DGP IgG (DGP-IgG)
- Anti-tTG IgA (tTG IgA)
- Total IgA

## Colorectal Screening

- Fecal Immunochemical Test (FIT)

## Hemoglobin A1C (HbA1c or A1c)

## Hormones

- Cortisol
- Estradiol (E2)
- Follicle Stimulating Hormone (FSH)
- Luteinizing Hormone (LH)
- Progesterone (PG)
- Total Testosterone
- DHEA-S

## Kidney Health

- Creatinine
- Estimated Glomerular Filtration Rate (eGFR)
- Microalbumin Creatinine Ratio (uACR)

## Lipids

- Total Cholesterol
- Triglycerides
- HDL Cholesterol
- LDL Cholesterol

## Lyme Disease

- Screening: Anti-Borrelia IgM/IgG
- Confirmation: Immunoblot Test

## Pregnancy (hCG)

## Respiratory Health

- SARS-CoV-2 (COVID-19)
- Influenza A
- Influenza B
- RSV

## Thyroid Health

- Free T4 (fT4)
- Anti-TPO antibody (TPO)
- Thyroid Stimulating Hormone (TSH)

## Vitamin D

- 25-Hydroxyvitamin D2
- 25-Hydroxyvitamin D3
- Total 25-Hydroxyvitamin D

## STI & Sexual Health

---

### ***Chlamydia trachomatis* (CT)**

- 3-site (anal, oral, & genital)

### **Hepatitis B Virus Surface Antigen (HBsAg)**

### **Hepatitis C Virus antibodies (Anti-HCV)**

### **Hepatitis C Virus viral load (HCV-VL)**

### **Herpes Simplex Virus (Type 2; HSV-2)**

### **Human Immunodeficiency Virus (HIV)** (4<sup>th</sup> generation Ag/Ab Combo)

### **Human Papillomavirus (HPV)** (16, 18, and 12 Other High-Risk Genotypes)

- Anal, genital, and male urine

### ***Mycoplasma***

- *Mycoplasma genitalium*

### ***Neisseria gonorrhoeae* (NG)**

- 3-site (anal, oral, & genital)

### **PrEP Adherence (Tenofovir Diphosphate)**

### **Rapid Plasma Reagin (RPR)**

### **simpli-COLLECT STI Test for home collection** (FDA-cleared)

- *Chlamydia trachomatis* (CT)
- *Neisseria gonorrhoeae* (NG)
- *Trichomonas vaginalis* (TV)
- *Mycoplasma genitalium* (MG)

### ***Treponema pallidum* (Syphilis)**

### ***Trichomonas vaginalis* (TV)**

## Pharmacogenetics

---

**Addiction** (ANKK1, BDNF, COMT, CYP2B6, CYP2C19, CYP2D6, DBH, DRD2, GRIK4, HTR2A, HTR2C, OPRM1, UGT2B15)

**ADHD** (ADRA2A, ANKK1, COMT, CYP2D6, DBH, HTR2A, OPRM1)

**Cardiovascular** (APOE, CYP2C9, CYP2C19, CYP2D6, CYP3A4, CYP3A5, SLCO1B1, VKORC1)

**Mental Health PGx** (ANKK1, CYP1A2, CYP2C9, CYP2C19, CYP2D6, CYP3A5, DRD2, GRIK4, HLA-B, HTR2A, HTR2C, SCN1A, UGT2B15)

**Mental Health Risk** (ADRA2A, ANK3, ANKK1, APOE, COMT, DBH, DRD2, HTR2A, MTHFR, OPRM1)

**Pain Management** (COMT, CYP1A2, CYP2B6, CYP2C9, CYP2C19, CYP2D6, OPRM1)

**Prenatal** (CFTR, Factor II, Factor V, MTHFR)

**PTSD PGx** (ANKK1, CYP1A2, CYP2C9, CYP2C19, CYP2D6, CYP3A5, DRD2, GRIK4, HLA-B, HTR2A, HTR2C, SCN1A, UGT2B15)

**PTSD Risk** (ANK3, ANKK1, APOE, BDNF, COMT, DRD2, OPRM1, SLC1A1)

**Thrombotic** (APOE, Factor II, Factor V, MTHFR)

## **Sample Collection Methods**

---

**Dried Blood Spot**

**Microtainer**

**Serum Separator Card**

**Urine** (neat and preservative)

**Buccal Swab**

**Dry Swab**

**Swab with preservative**

- Rectal
- Oral
- Vaginal

**FIT**

**Saliva**

These tests were developed and their performance characteristics were determined by CareNexa, LLC dba Molecular Testing Labs (MTL). These tests have not been cleared or approved by the U.S. Food and Drug Administration. This laboratory is regulated and qualified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) to perform high-complexity testing.

MTL has the capabilities to support many of its tests on a variety of sample types and collection methods, including clinician-collected and self-collected samples, to maximize flexibility in meeting our customers' program needs and meeting patients where they are. Contact us to learn more.