Aperiomics

Xplore-Patho℠ Test

The first and only test able to identify every known bacterium, virus, fungus, and parasite.

Access the most scientifically advanced microbial testing available.

aperiomics.com
75% of standard tests fail to identify the source of infection.

Clinicians can finally uncover the specific causes of infections when standard testing is inconclusive and symptoms persist, leaving patients suffering.
At Aperiomics, we find answers no one else can.

For your patients with chronic or mysterious infections, where standard testing has provided negative results, this test can be vital in developing the best treatment plan. No longer are you limited by traditional testing methodologies.

Delivering on the decades-old promise of genomic sequencing and scientific innovation, Xplore-Patho is more efficient and effective than any other test on the market. We can now identify every pathogen known to modern science with 97% sensitivity and 99.99% specificity.

**Aperiomics Xplore-Patho Test**

*The most advanced test to identify every known pathogen.*

Deep metagenomic sequencing allows the Xplore-Patho test to examine up to 100% of the genomic fingerprint—as opposed to PCR, 16S, or 18S testing used by our competitors, which can only examine ~0.001% of the genetic fingerprint.

<table>
<thead>
<tr>
<th>Identifies:</th>
<th>Aperiomics Xplore-Patho</th>
<th>Company M 16s and 18s</th>
</tr>
</thead>
<tbody>
<tr>
<td>bacteria</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>viruses</td>
<td>✔</td>
<td>☒</td>
</tr>
<tr>
<td>fungi</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>parasites</td>
<td>✔</td>
<td>☒</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>% of Genome Examined</th>
<th>~100%</th>
<th>~0.001%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microbes Identified</td>
<td>&gt;37,000</td>
<td>–</td>
</tr>
<tr>
<td>Pathogens Identified</td>
<td>&gt;12,000</td>
<td>–</td>
</tr>
<tr>
<td>Differentiates All Species</td>
<td>✔</td>
<td>☒</td>
</tr>
<tr>
<td>Collection Kit Options</td>
<td>11</td>
<td>4</td>
</tr>
</tbody>
</table>

We offer 11 standard kits that can be customized for almost every testing need:

- Blood Plasma
- Fecal
- Urine
- Tissue
- Deep Nasal Swab
- Vaginal Swab
- Wound Swab
- Sputum
- Cerebrospinal Fluid
- Prostate Secretion
- Breast milk
Support From Our Team of Experts

We provide unbiased insight into the causes of infections, so you can determine the best possible treatment plan.

For clinicians, our testing service includes a post-report consultation with our team of infectious disease experts to provide insight, context, and deeper understanding of results.

ABOUT APERIOGENICS
Aperiomics was founded on the belief that we can shift the paradigm of infection identification for better patient outcomes. We are experienced clinicians and researchers who are passionate about leveraging the power of technology to advance human health and improve the quality of life.

Crystal R. Icenhour, PhD
CEO and Co-Founder
Dr. Icenhour has a PhD in Pathobiology and Molecular Medicine and is an expert in infectious disease. She holds two patents, and is a respected and prolific researcher, author, and presenter.

Alvin (Yuan) Chen, PhD
CTO and Co-Founder
Dr. Chen has a PhD in Genetics and Bioinformatics and is an expert in genomics. He was key in developing the Aperiomics Xplore-Patho technology.

C. Alexander Valencia, PhD
Chief Clinical Officer
Dr. Valencia is a clinical molecular geneticist and an expert in next generation sequencing technologies. He is widely published in peer-reviewed journals and has made significant contributions to the field.

Learn more about how we are revolutionizing healthcare at aperiomics.com.
Place your complimentary online stocking order today.

Learn more and order collection kits at aperiomics.com/clinician-form or call 703.229.0406.

Aperiomics’ Xplore-Patho™ and related services exceed Clinical Laboratory industry standards and GMP medical device quality standards and are performed by Aperiomics, Inc. and/or selected partners. Aperiomics’ services are Research Use Only and are not intended for the diagnosis, treatment, or prevention of disease. APERIOMICS® and Xplore-Patho™ are trademarks of Aperiomics, Inc. ©2019 Aperiomics, Inc. All rights reserved.

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