Idylla™ A revolutionary, fully automated system that makes molecular testing convenient and fast. Suitable for any lab.
WE AIM TO PROVIDE RAPID ACCESS TO HIGH-LEVEL MOLECULAR TESTING ANYTIME, ANYWHERE.
THE IDYLLA™ SOLUTION - MOLECULAR TESTING SUITABLE FOR VIRTUALLY ANY LAB.

Fully automated walk-away system. With less than two minutes hands on time.

Fast assay turnaround times. Between 90-160 minutes.

Closed ready-to-use desktop system. Small footprint and low consumable costs.

Minimal amount of sample needed for a reduced invalid rate. Only 1 slice of tissue or 1-2 ml of plasma per assay.

High accuracy and reproducibility
High standardized technology and contamination-controlled design.

THE IDYLLA™ SYSTEM. BUILT FOR YOUR NEEDS.
Idylla™ is a modular instrument ready to accommodate your lab’s throughput even as it changes over the years.
IDYLLA™ FITS ANY SIZE LAB

IDYLLA™ IS A COST-EFFECTIVE IN-HOUSE SOLUTION EVEN FOR SMALL SAMPLE VOLUMES

- Easy to implement and maintain
- No molecular infrastructure needed
- No batching needed
- No external controls needed

IDYLLA™ PROVIDES AN ULTRA-RAPID ACTIONABLE SOLUTION COMPLEMENTING COMPREHENSIVE NGS PROGRAMS

- Short turnaround time and minimal hands-on time
- Minimal sample input requirements
- On demand testing
- Seamless integration into virtually any laboratory workflow
THE REVOLUTIONARY IDYLLA™ WORKFLOW

**FFPE WORKFLOW**
- **SAMPLE PREPARATION**: < 2 min
- **SAMPLE LOADING**: 90 - 150 min
- **AUTOMATED PROCESSING & ANALYSIS**: ~90 min

**LIQUID BIOPSY WORKFLOW**
- **PLASMA PREPARATION**: < 1 min
- **SAMPLE LOADING**: 85 - 160 min
- **AUTOMATED PROCESSING & ANALYSIS**: ~85 min
IDYLLA™ COMPARED TO OTHER TECHNOLOGIES

MINIMAL HANDS-ON AND ASSAY TURNAROUND TIMES

<table>
<thead>
<tr>
<th>Technology</th>
<th>Idylla</th>
<th>Other RT-PCR</th>
<th>NGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hands-on</td>
<td>90 - 160 min</td>
<td>1 day</td>
<td>3-5 days</td>
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REduced number of instruments and consumables needed

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Other RT-PCR</th>
<th>Next Generation Sequencing</th>
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<tbody>
<tr>
<td>Instruments</td>
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<td><img src="image2.png" alt="Image" /></td>
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<tr>
<td>Consumables</td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
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<tr>
<td>Lab Infrastructure (# of rooms)</td>
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<td>3</td>
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</tbody>
</table>

Based on workflow exercise in real-life laboratory setting. Reference technologies used: Illumina MiSeq and Qiagen Therascreen.
THE IDYLLA™ ASSAYS. MINIMAL SAMPLE REQUIREMENTS AND VERSATILE SAMPLE TYPES.

IDYLLA™ TISSUE SPECIMEN REQUIREMENTS

KRAS, NRAS & BRAF
- 1 x 5 µm FFPE glass mounted tissue section
- 1 x 10 µm FFPE tissue section
- Neoplastic cell content
  - If < 10%, macrodissection needed
  - ≥ 10%

BRAF
- 1 x 5 µm FFPE glass mounted tissue section
- 1 x 10 µm FFPE tissue section
- Neoplastic cell content
  - If < 50%, macrodissection needed
  - ≥ 50%

EGFR
- 1 x 5 µm FFPE tissue section
- Neoplastic cell content
  - If < 10%, macrodissection needed
  - ≥ 10%

MSI
- 1 x 5 µm FFPE tissue section
- 1 x 10 µm FFPE tissue section
- Neoplastic cell content
  - If < 20%, macrodissection needed
  - ≥ 20%

IDYLLA™ PLASMA SPECIMEN REQUIREMENT

- 1-2 ml plasma per cartridge and two validated tube types:
  - K²EDTA tubes, process within 4 hours
  - Streck Cell-freeDNA BCTs, process within 3 days