A new way to obtain CSF counts.
GloCyte delivers clear results because you care.
Introducing the GloCyte® Automated Cell Counter for CSF.

There’s never been a CSF analyzer like this.

GloCyte delivers highly accurate and precise TNC and RBC results using a novel combination of fluorescence technology, highly specific reagents, and an intelligent counting algorithm.

GloCyte can handle all of the CSF specimens that enter your laboratory—it provides cell counts you can trust at clinically relevant low levels and reduces valuable time spent counting more difficult specimens.

Count on GloCyte because we know a lot is riding on the results.

Timely results you can count on.

- GloCyte puts your mind at ease by calculating TNC and RBC results for you in cells/µL.
- Quick assay procedure generates results with only 30 µL of sample per test.
- No mandatory background checks are required between samples.

Productivity you can count on.

- GloCyte uses disposable test cartridges, so there is no carryover between samples and infectious specimens can be processed without worry.
- No more headaches from routine maintenance because GloCyte has no moving parts.
- The proficiency assessment tool confirms new users will obtain results with confidence.
- Test cartridges can be manually marked for keeping track of sample analysis.
- The analyzer’s small footprint makes the most of every inch of valuable lab space.

Simplicity you can count on.

- GloCyte is easy to operate with everything you need on one screen.
- When dilution is necessary, software guidance leads you through the quickest way to get to the result.
- Interactive software makes troubleshooting easy.
- Customizable field entries provide consistency with terminology currently used in your laboratory.

Data management you can count on.

- Simple search functions make it easy to quickly retrieve results.
- Quality control features include Levey-Jennings charts, password protection, and an audit table. You can also flag aberrant control results and expired materials.
- GloCyte software interfaces with LIS and data is easily exported for statistical analysis.
- Comprehensive patient reports can be printed effortlessly.

Accurate and precise low TNC and RBC results.

How our uniquely engineered test cartridges work

Stained sample is deposited onto cartridge

Vacuum pulls liquid into cartridge

Cells are captured on surface of cartridge
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Accurate and precise low TNC and RBC results.

Results in 5 minutes. Alleviates bottlenecks.

Only 30 µL of CSF sample per test.
**System specifications**

**Sample type** Human cerebrospinal fluid (CSF)

**Assay parameters** Total nucleated cell (TNC) and red blood cell (RBC)

**Sample volume** 30 µL per assay

**Test time** 1-2 specimens in under 5 minutes

**Power requirement**
- Universal AC/DC power supply: 100 to 240 VAC (50/60 Hz)/1A
- Instrument: 12 VDC/2A
- Vacuum Station: 5 VDC/0.5A

**Communications** USB 2.0 ports

**Laser** Class 3B, 30 mWatts nominal rating, Class 1 when installed in the instrument with the external enclosure in place

**Operating conditions**
- Temperature: 18°C to 35°C (64°F to 95°F)
- Humidity: 5 to 90% RH, non-condensing

**Storage temperature**
- GloCyte instrument & vacuum station: -20°C to 60°C (-4°F to 140°F)
- GloCyte test cartridges: 10°C to 40°C (50°F to 104°F)

**Dimensions (D x W x H)**
- Instrument: 20.4 cm x 15.3 cm x 25.5 cm (8.0” x 6.0” x 10.0”)
- Computer: 20 cm x 50 cm x 40 cm (8.0” x 20.0” x 16.0”)
- Vacuum station: 10.8 cm x 12.1 cm x 10.8 cm (4.3” x 4.8” x 4.3”)

**Net weight** 18.1 kg (40.0 lbs.)

**Shipping weight** 24.5 kg (54.0 lbs.)

**Warranty** One-year limited warranty on workmanship and all parts.

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### GloCyte system

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLOCYTE</td>
<td>GloCyte instrument, computer, vacuum station, barcode reader, sample preparation tray, pipettes, and startup kit</td>
</tr>
</tbody>
</table>

### Parts and supplies

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>111010</td>
<td>Test cartridges (200 pieces)</td>
</tr>
<tr>
<td>111011</td>
<td>RBC reagent (3 vials, 1.8 mL each)</td>
</tr>
<tr>
<td>111012</td>
<td>TNC reagent (3 vials, 1.8 mL each)</td>
</tr>
<tr>
<td>111013</td>
<td>Low and high level controls (1 vial of each level, 3 mL each)</td>
</tr>
<tr>
<td>11164</td>
<td>Sample preparation tray</td>
</tr>
<tr>
<td>800097</td>
<td>Pipette tips (960 pieces)</td>
</tr>
<tr>
<td>802024</td>
<td>Vacuum station o-ring</td>
</tr>
<tr>
<td>806053</td>
<td>10 µL fixed volume pipette</td>
</tr>
<tr>
<td>806054</td>
<td>30 µL fixed volume pipette</td>
</tr>
</tbody>
</table>

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**GloCyte**
Clear results that count