

## STREAMLINE ALL YOUR CEREBROSPINAL FLUID CELL COUNTING WITH THE GLOCYTE® AUTOMATED CELL COUNTER

There is a lot at stake when it comes to turning around a CSF cell count accurately and quickly. The process can be stress inducing and staff shortages can lead to employee burnout and turnover. Whether you work at a large hospital, a small facility, or somewhere in between, we can help. GloCyte delivers fast and accurate results while simultaneously freeing up resources and increasing employee satisfaction.

### How it Works

The GloCyte uses fluorescent microscopy to perform cell counts. A nucleic dye specifically stains the nucleus of total nucleated cells (TNCs) and an antibody stain tags antigens on the surface of red blood cells (RBCs). Stained samples are deposited onto a test cartridge and vacuum is applied to capture cells on a membrane. GloCyte uses digital imaging and a sophisticated algorithm to capture and analyze cell counts.



“Easy to operate and user friendly. NO MORE extra steps seen on using chamber counts.”

— Boston Children’s Hospital on SelectScience

## HOW GLOCYTE HELPS

### One method for CSF cell counting

Labs can automate all CSF cell counts with linearity down to 0 cells/ $\mu$ L, eliminating the need to do manual counts.

### Easy to use

Intuitive software guides the user through the testing process, eliminating tedious steps associated with hemocytometers and increasing confidence across shifts.

### Results in under 5 minutes

Report TNC and RBC results in less than 5 minutes to meet or exceed turnaround time requirements and increase tech productivity.

### Accurate & precise

Specific staining increases confidence in results and reduces tech to tech variability.

### Small sample volume

GloCyte requires just 60  $\mu$ L of sample or less.

### Small footprint

The instrument is smaller than a standard coffee maker, saving space on your bench or under the hood

### Low maintenance

With no moving parts, GloCyte requires virtually no maintenance and maximizes uptime.

### Audit ready

Timestamped results and user traceability help labs comply with regulatory guidelines.

### Safety conscious

Disposable test cartridges, that fully contain patient samples, were designed with personnel safety in mind.

### Less error prone

Mitigate dilution, calculation, and random errors, while using similarly small sample volumes as manual counting but analyzing a greater portion of the sample.

Contact our team to learn more about how GloCyte can streamline your CSF cell counting workflow.

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