

# Lite Years Ahead...

**Aflatoxin**  
**Antibiotics**  
**ATP Sanitation**  
**Coliforms/E.coli**  
**Cooking Efficiency**  
**Microbial Quality**  
**Pasteurization**  
**Pesticides**  
**Shelf Life Prediction**  
**Somatic Cells**

## SomaLite™

# Rapid Somatic Cell Testing



- Single Service 2 minute test
- Use in the plant or on the farm.
- Read in actual SCC/ml.
- Read on portable LumGiene or FireFly



No Microscope  
No Slides  
No Stain  
No Counting

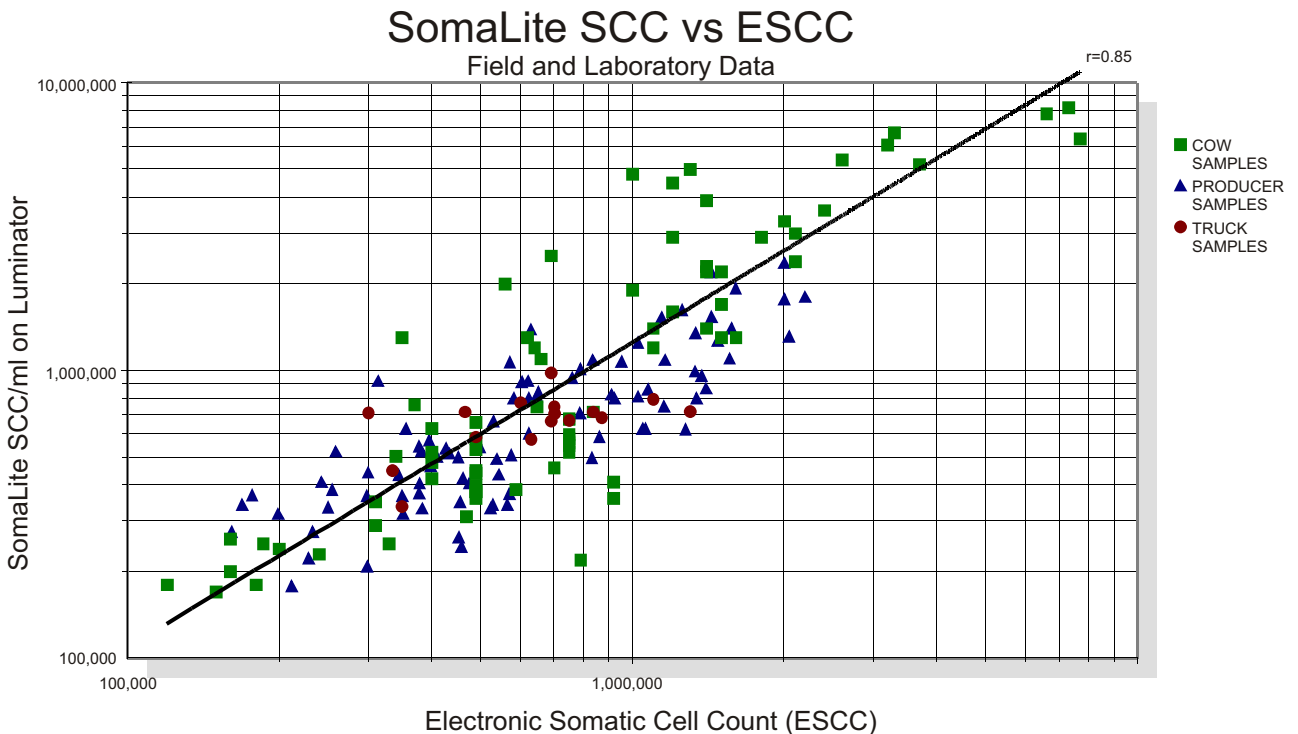


659 Andover Street Lawrence MA 01843-1032 USA  
TEL: 800.343.2170 978.687.9200 FAX 978.687.9216  
email: [info@charm.com](mailto:info@charm.com) <http://www.charm.com>

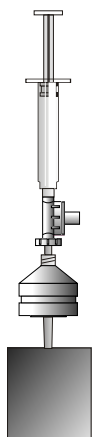
Nothing works  
like a Charm

# SomaLite

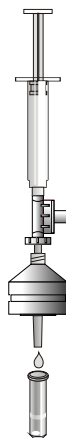
The SomaLite is designed to measure somatic cells levels in milk samples. Test results are analyzed using the Luminator which gives results in somatic cells per ml. In less than two minutes, milk samples with 200,000 to 1,500,000 somatic cells per ml can be read with correlation ( $r = 0.85$ ) compared to other somatic cell counts (Direct Microscopic DMSCC or Electronic ESCC).



SomaLite eliminates the need for dyes, slides, or time consuming counting under the microscope. The battery powered portable LumGiene or FireFly can be used on the farm or in the plant. Downloadable data provides documented evidence of milk quality.



Filter milk sample and Buffer S to trap somatic cells on filter. Microbial cells and free ATP are washed through.



Filter SomaLite liquid onto tablet. Somatic cell material washes through, barrier dissolves, and reaction produces luminescence in proportion to somatic cells present.