

**Northern Laboratory  
(Distributor)**

**315 – 379 – 3930**

Fax 315 – 379 – 3931

34 Cornell Drive

Newell Veterinary Science Building  
Canton, New York, 13617

**Central Laboratory**

**607 – 255 – 8202**

Fax 607 – 257 – 8485

22 Thornwood Drive

Parkview Technology Center I  
Ithaca, New York, 14850-1257

**Eastern Laboratory**

**518 – 255 – 5681**

Fax 518 – 255 – 5682

111 Schenectady Avenue

Wheeler Hall, SUNY

Cobleskill, New York 12043

**Western Laboratory**

**585 – 243 – 1780**

Fax 585 – 243 – 1713

4530 Millennium Drive

Geneseo, New York 14454

***Vision Statement***

*We will continue to be a definitive  
resource for support of  
on-farm milk quality and associated  
food safety*

***Mission Statement***

*QMPS exists to meet the needs of  
producers, veterinarians and the dairy  
industry through on-farm service,  
diagnostics, education, and research.*

*We are a science-based organization  
utilizing the most effective methods and  
technology to help producers improve  
dairy product quality and safety.*

*Our work contributes to consumer  
confidence in the dairy industry.*

*We accomplish our goals through an  
environment that encourages teamwork  
and continuing education.*

<http://qmps.vet.cornell.edu>



**Easy Culture System II  
And  
Laboratory Supplies**



**Cornell University  
College of Veterinary Medicine**

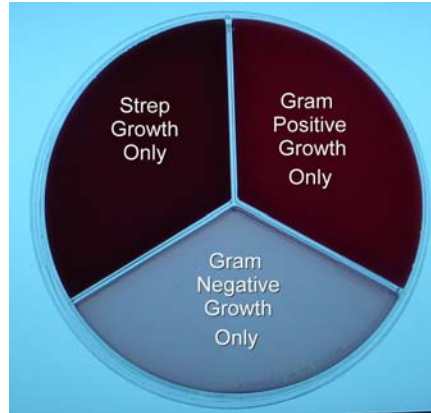
**UNIVERSITY OF MINNESOTA**

The Quality Milk Production Services (QMPS) and the University of Minnesota Udder Health Laboratory have reached an agreement whereby QMPS will distribute supplies, and provide technical support for the Easy Culture II System in the Northeast. This system consists of culture plates (Bi-plates and Tri-plates) and a manual that explains their use and interpretation.

This service is intended to help you perform some relatively simple microbiological analysis procedures at your farm or veterinary clinic. It is not intended to replace a high quality diagnostic laboratory or identify all organisms that may be present in the sample.



The **Bi-plate** system is intended to identify a quarter as infected with Gram-positive or Gram-negative organisms, but some further presumptive identification may be possible.



The **Tri-plate** system is intended to give more complete identification of organisms causing the problem by including an additional media. Both systems require an incubator and sterile, cotton tipped swabs and are designed to be used on quarter milk samples only.

Optional materials needed to further identify microorganisms include:

- Microscope and slides
- Hydrogen Peroxide
- Flat toothpicks
- Rabbit (coagulase) plasma

Culture results can provide you with valuable decision making information. Identifying infections early will facilitate

treatment decisions and allow management changes that will have the greatest impact resulting in fewer new infections. Generally, reducing and/or preventing new infections will depend on appropriate milking procedures, cow (dry and milking) comfort and housing, heifer rearing and appropriate dry cow management. It is recommended that you and your veterinarian review all culture results and decide what mastitis management strategy is appropriate for your herd.

Easy Culture II plates and manuals, as well as other laboratory supplies can be ordered through any QMPS laboratory (see reverse) or you may access our website at: <http://qmps.vet.cornell.edu>. Quality Milk personnel are also available to provide technical support for any of the materials they distribute. This includes: training in their use, confirmation and interpretation of culture results and a Laboratory Proficiency Testing program.

