



EASY COW-SIDE TESTING

The **CMT** (California Mastitis Test) is a rapid cow-side test for early detection of mastitis, and for years has been a trusted tool of dairy producers.

Step 1 | Collect milk from individual quarters



- Dilute CMT concentrate. See concentrate bottle for directions. (Makes 1 gallon of CMT working solution.)
- Discard first stream of milk. Do not use colostrum, milk from fresh cows (less than 3 days post-calving) or samples after dry-off.
- Draw foremilk from each quarter into corresponding cup of testing paddle.

Step 2 | Pour off excess milk



- Tilt testing paddle to discard excess milk until equal volumes remain in each cup.
- Remaining milk should be level with the outside (largest) circle in the cup.

Step 3 | Add an equal amount of CMT working solution



- Tilt testing paddle back until milk is halfway between the inner and outer circles.
- Slowly add CMT working solution into each cup until mixture is even with the inside circle of each cup. This should provide equal parts milk to CMT solution.

Step 4 | Make rotational movement with test paddle



Gently rotate mixture in a horizontal position.

Results | Reaction can be observed almost immediately

- Thickening or gel formation indicates high somatic cell counts and likelihood of mastitis.
- Record your results on chart.
- Contact your veterinarian with positive CMT results and use MASTiK® for assistance in adopting a treatment strategy.