

MAST INDEX[®]
California Mastitis Test



for
**EARLY DETECTION OF
SUB-CLINICAL MASTITIS!**



MAST INDEX[®]

California Mastitis Test

Salient Feature

- Ready to use kit
- Rapid detection
- Easy to handle

Reagent

- CMT Reagent consists of ready to use anionic surfactant with bromocresol purple as an indicator.
- Each batch undergoes rigorous quality control at various stages of manufacture for its specificity and performance.

Test Procedure

- (1) Discard the first stream of milk and draw the next milk into shallow cups on the paddle, keeping the quarters separate. 2.0ml of milk is ideal for the test. Discard extra milk.
- (2) Mix equal amount of CMT Reagent over milk. Avoid bubbles.
- (3) Mix CMT Reagent and milk by gently rotating paddle in horizontal plane.
- (4) Record the results by 15-20 seconds.

Interpretation of Results

Results	Visible Reaction	Condition	Probable Somatic Cell Count *
A) Negative	Mixture remains liquid with no evidence of thickening or formation of precipitate.	No Mastitis	0-1,00,000 cells / 0-25% pmn
B) Trace/ Weak	Slight thickening that tends to disappear with continued movement of the paddle.	Trace of Mastitis	1,50,000 - 3,00,000 25-30% pmn
C) Distinct	Initial thickening of mixture followed by gel formation within few seconds due to swirling motion of paddle.	Mastitis	1million- 6 million 50-60% pmn
D) Strong Positive	Formation of instant gel that adhere to the bottom of paddle.	Mastitis	6million and above 70-80% pmn

*G. S. Pandey' May 2011. Manual on milk safety, quality and hygiene.

Presentation

Cat No.	Product	Pack Size
204131000500	Mastindex [®]	500 mL
208131380001	Mastindex [®] Test Paddle	1 No.



Microxpress[®]

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