MILLWOOD PRODUCTS

Somafast SCC Test Kit – instructions

Kit contents

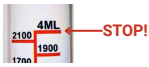
- Disposable testing tubes (x25)
- Mixing sticks (x25)
- Disposable pipettes (x25)
- Disposable caps with calibrated hole (x25)
- 60ml bottle of reaction buffer (x1)
- Instruction sheet

Before you test

1. Ensure that your milk sample is at room temperature (20-25°C).
2. Shake the the reaction buffer.

Testing your milk sample

1. Add 2ml of milk to the tube using a disposable pipette.
2. Add 2ml of reaction buffer to the tube. The milk sample and the buffer liquid combined will reach the 4ml mark on the side of the tube.



3. Mix the contents of the tube by stirring it up and down 10 times.
4. Cover the tube with a cap.
5. Immediately invert the tube and let it drain out for exactly 20 seconds.
6. Return the tube upright and read the scale printed on the tube. It will indicate the thousands of somatic cells in your milk sample.

Colour zone	SCC level	Analysis
Green band	< 200,000	The likelihood of mastitis is very low
Yellow band	200,000 - 400,000	Possibility of subclinical mastitis
Red band	> 400,000	Significant probability of mastitis

Precautions

- When mixing milk with the reaction buffer, the side-wall calibration hole should face up to avoid liquid leakage.
- After putting on the tube lid, ensure that the side wall of the test tube is dry. Wipe clean any spillage.
- When you are inverting the tube, the side-wall calibration hole should face up to avoid liquid leakage.
- Store the test kits at between 15-35°C.
- Expiry date of the kit is shown on the reaction buffer bottle.

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Note – This is a screening tool. Consult a veterinarian before starting any treatment.