



## **How to make your own CMT test fluid**

### **The research:**

Recently published research (Leach and others 2008) has shown that the following detergent mixture can give almost identical results to commercially available CMT test fluid when used in the California Mastitis Test.

Other, cheaper domestic detergents were less sensitive.

### **Equipment required:**

Fairy Liquid	40ml
Water	160ml
Red food colouring	1ml

### **Method:**

To make 200ml test fluid (enough to test approx. 80 quarters)

Dilute 40ml Fairy Liquid with 160ml water

Add 1ml red food colouring per 200ml of test fluid

### **Reference:**

LEACH K.A., GREEN M.J., BREEN J.E., HUXLEY, J.N., MACAULAY, R., NEWTON H.T. & BRADLEY A.J. (2008) Use of domestic detergents in the California mastitis test for high somatic cell counts in milk. *Veterinary Record* **163**, 566-570