

# SHOOF FACT SHEET

## STAPHALERT



**Shoof Code**  
**210 533**

StaphAlert is a Mastitis test that determines if the infection is the Staph pathogen.

Staph infections are a bacterial infection that are contagious and can pass from cup to cup, cow to cow. Often it is heavily culled for in the herd. With a Staph infection a cow will really overcome completely the infection. It will lie dormant in the Udder between out breaks of the infection.

Traditionally the infection is treated with penicillin which it will require a long treatment period.

If the cow has been treated a number of times with penicillin for a Staph infection then a hard lump will often develop high up in the udder.

The other common mastitis infection is Strep infections. These infections are generally referred to as the environmental mastitis as it is generally caused by bad weather, cows walking on muddy tracks, and is often present during calving etc.

Strep infections are generally easy to cure with a short treatment period compared to the longer treatment period of a Staph infection.

### FEATURES

- Fast and easy to perform test
- All on-farm
- Low cost
- Quick results

### BENEFITS

- Test can be performed within minutes
- Test can be done by the farmer and be kept in the dairy shed, and does not require any veterinary assistance
- An individual test is cheaper than sending a milk sample to the Lab
- A positive test can come back within 24-48hrs depending on how aggressive the pathogen is

### PRODUCT INFORMATION

#### METHOD:

- Clean the teat end with an alcohol wipe like the Shoof Medi wipes.
- Squirt the milk directly into the tube
- Give the tube a good flick to put the milk into the bottom of the tube
- Keep the cap open and tap out the excess milk as you only require ½ a drop of milk in the bottom of the tube
- Cap and label with the cow number
- Incubate in either the Shoof Incubator or in a hot water heater etc. requires a constant warm temperature to culture.

#### RESULTS:

The tube will turn bright pineapple yellow for a positive test, if it turns black then the sample has been contaminated. If no change in colour then the Staph pathogen is not present in the sample

The tube can only be used once.

*Note: if the tube has not changed colour in 48hrs, it is advised to keep the tube in the incubator for up to another 24 hrs, as about 95% of test will react within the first 48hrs. This depends on how aggressive the pathogen is that you are testing.*

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