

Part # FT - BUG Test Instructions

NB. Do not remove the dip-slide from the container tube until ready for use.

Testing – Part # FT – BUG Microbial Test Instructions

Remove test paddle from the housing. Do not touch or contaminate the slide gel strips.

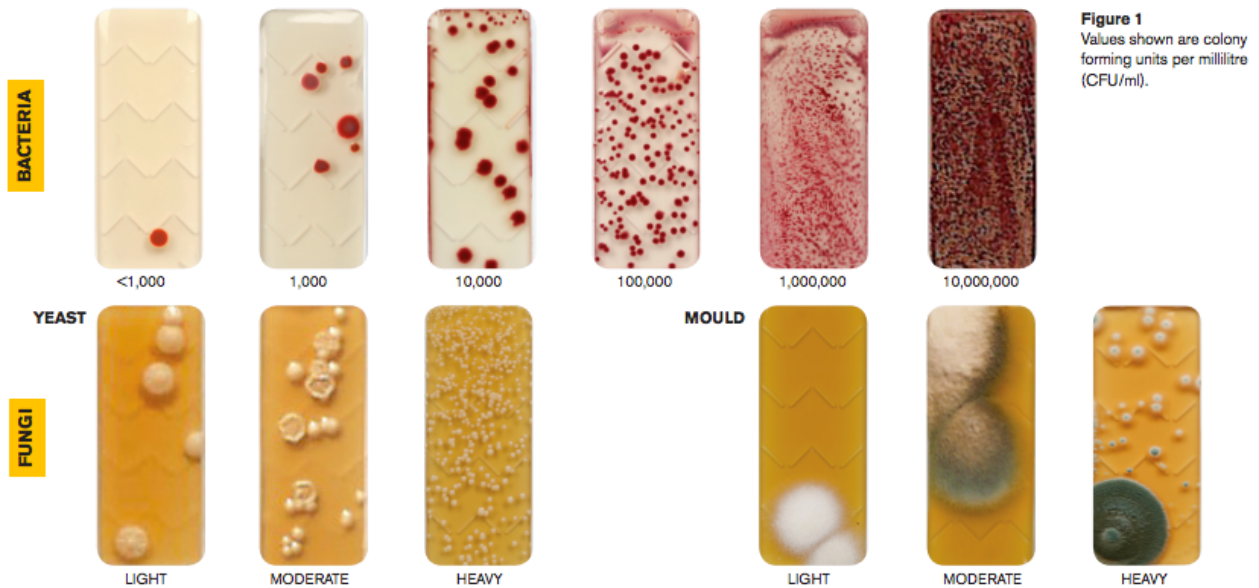
Get a sample of diesel (if possible) from the bottom of the fuel tank where bugs are more likely to be, or just drain some from the fuel filter or water separator or just extract from the tank into a suitable container so you can dip the slide into your fuel.

Immerse the test paddle for about 10 seconds into the diesel or swipe or drip some diesel over test gel areas making sure that all the test gels has been coated in diesel. Allow excess diesel to drip off the paddle and insert paddle back into housing.

Store the slide in the upright position at about 25°C to 35°C (86°F to 95°F) for 24 to 36 hours for detection of bacteria, yeasts, algae bugs and moulds. You may see signs of problems in as little as 8 hours in some cases.

For best results incubate the test in a dark area or a box as bugs will grow quicker without light.

Once incubated compare to the chart below and refer notes on use.



Once tested you may need to undertake a program of fuel maintenance or treatment of your fuel to remove microbial contamination.

Microorganisms are responsible for enormous economic losses to industry. Microorganisms and their metabolic products accumulate in transportation fuels, petroleum products and industrial fluids resulting in alteration of the physical and chemical properties of these fluids.

Microorganisms can also cause obstruction of fluid delivery lines, filters or chemical deterioration in machinery resulting in dangerous situations, as well as poor performance and costly repairs to fuel system components.

Our FT - BUG Dip-slides are an excellent monitoring tool to give the user valuable metrics about the amount of microorganisms present in their diesel fuel system.

Our Dip-slides are coated with agar-based media that are complete and ready to use safely. No special equipment or training is necessary.

They can often be used to effectively measure microorganisms in diesel fuel samples.

Only a few microlitres of the specimen are taken up by the dip-slide. Antibacterial agents and biocides present in industrial fluids and on surfaces are diluted in the gel allowing growth of bacteria with less interference.

Dip-slide configurations are available for simultaneous counting of both bacteria and fungi.

The dip-slide handle facilitates sampling and reduces the opportunity for contamination.

The plastic vial serves as a lightweight, convenient incubator and transport container.

The same area of culture medium is exposed each time to liquid specimens or solid surfaces ensuring highly consistent results.

The transparent container allows colonies to be viewed and counted safely.

Simple colour changes in the agar enable easy recognition of colonies. The demarcated raised plastic under the agar makes counting easy.

MSDS:

These test kits contain no hazardous materials. This preparation does not contain any substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.