

## Instructions

The test is meant for observing the microbiological purity of diesel fuel. The test sheet is coated with TTC growth medium, in which the bacteria will grow on. The tests are to be kept in room temperature and shielded from light, they must not freeze.



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### Safety and precautions

- Do not touch unused growth medium
- Do not use the product if the growth medium has peeled off, any growths are visible, its color has changed or it has dried up
- Growths are not to be touched

### Taking a sample

- Upon taking a sample it is important that the growth medium does not contact anything other than the proper sample
- The growth medium must be fully submerged in the sample



1. Unscrew the test sheet from the tube without touching the growth medium
2. Take a 0.5-1 dl diesel sample and add 30-40% water to it. Stir well
3. Dip the test sheet in the sample and keep it there for 5 to 10 seconds. Both sides of the test sheet should be in the sample
4. Let the excess liquid drip off the sheet while lifting it
5. Screw the test sheet back into the tube
6. Grow the test sheet in room temperature for two to four days, until new growths do not occur anymore
7. Photograph both sides of the test sheet and attach the pictures to the Sternaco tests website on [www.sternaco.com](http://www.sternaco.com)
8. Follow the instructions on the site. You will get the results of the test to your email.

### Disposing of used tests

Used tests are advised to be disposed of by burning them or keeping them in a disinfecting liquid (e.g. ethanol) overnight.

### Typical composition of a STERNACO Diesel test:

*TTC Agar, tryptone, soy peptone, disodium succinate, TTC solution, agar-agar, water.*