

## Bioindicators for testing cleaning and disinfection processes - Desi-Test-R

### Product information

<b>Field of application:</b>	Biological indicator for testing the efficiency of disinfection in automatic washing and disinfection procedures (WD) in the scope of validations and routine controls.
<b>Conformity:</b>	The Desi-Test-R bioindicators are manufactured in alignment with the requirements of the RKI (Robert Koch Institute) Guideline. The test soiling complies with the specifications of the CEN ISO/TS 15883-5 standard
<b>Specifications:</b>	<p>Test microorganism: Enterococcus faecium ATCC 6057</p> <p>Colony count: <math>\geq 10^7</math> CFU</p> <p>Germ carrier: M6 x 20 mm stainless steel screws, or tube segments 70 mm long, inner <math>\varnothing</math> 6 mm, outer <math>\varnothing</math> 9.5 mm</p> <p>Test soiling: defibrinated sheep blood</p> <p>Packaging unit: 10 bioindicators + control indicator</p> <p>Standard packages: (incl. sterile test tubes)</p> <ul style="list-style-type: none"> <li>- Package A: 5 contaminated screws + 5 contaminated tubes</li> <li>- Package B: 10 contaminated screws</li> <li>- Package C: 10 contaminated tubes</li> </ul> <p>Shelf life: 4 weeks from date of manufacture</p>
<b>Storage:</b>	For transport and storage, temperatures should be kept below 30°C and relative humidity between 30 and 65%. Do not expose bioindicators to direct sunlight.
<b>Disposal:</b>	Unused bioindicators or bioindicators whose shelf life has expired are disposed of by steam sterilization at 121°C – 15 min or 134°C – 5 min without additional packaging
<b>Instructions for use:</b>	<p>The bioindicators are taken from the package using forceps, the screws are placed in the loading basket of the washer-disinfector and the tubes are attached to nozzles.</p> <p>The control indicator (red sticker) included in delivery serves as growth test and for verifying storage and transport conditions. This indicator must not be subjected to the reconditioning process.</p> <p>After completion of the washing and disinfection program, the bioindicators are removed using sterile forceps, transferred separately into the enclosed sterile test tubes and immediately posted to the microbiological test laboratory together with the control indicator and the completed test report.</p> <p>In order to verify the microbicidal effect of the disinfection process on the test germs, the bioindicator is transferred into 10 ml Soybean Casein digest Broth and cultivated for 7 days at 32°C <math>\pm</math> 2 K. The disinfection process fulfils the microbiological requirements if no growth of Enterococcus faecium ATCC 6057 can be detected in any of the samples.</p> <p>The control indicator must show distinct growth of the test germ after 24 hours of cultivating.</p>