



spectrum of efficacy

spectrum of efficacy

against

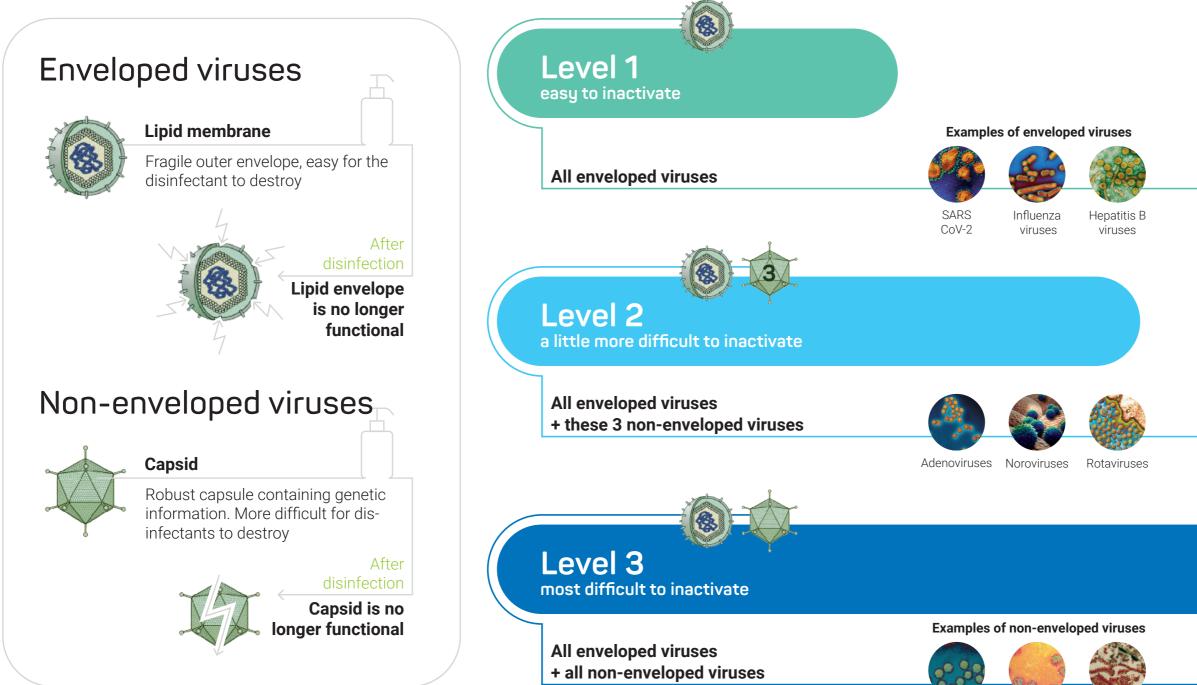
virucidal activity

enveloped viruses

limited spectrum

virucidal activity

Efficacies of disinfectants: Viruses



Polioviruses human Polyomaviruses Papillomaviruses

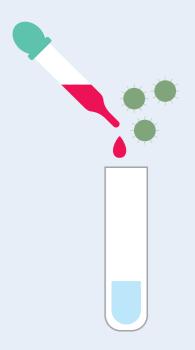




Test methods of disinfectants: Viruses

Testing of efficacy against viruses according to European standard EN 14476

The practical test (*in-vitro* test). This examines how the disinfectant acts on the test pathogens with the addition of an organic load (e.g. protein, blood).

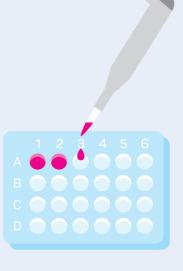


There are specific test pathogens for each spectrum of activity.

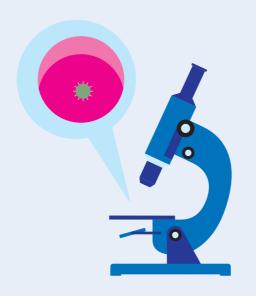
They are mixed together with an organic load (e.g. blood) and the disinfectant used for testing.



After a defined time ...



... 1 ml of the mixture is used for further analysis.



In order to be effective within a certain spectrum of activity, the disinfectant must inactivate a certain number of test viruses.

Level 1

All enveloped viruses

Test pathogens:

· Vacciniavirus

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virucidal activity against enveloped viruses

Level 2

All enveloped + 3 non-enveloped viruses (Adeno-, Rota- and Noroviruses)

Test pathogens:

- murine Norovirus
- Adenovirus

spectrum of efficacy

limited spectrum virucidal activity

Level 3

/el 3

All enveloped + all non-enveloped viruses

Test pathogens:

- Poliovirus
- murine Norovirus
- Adenovirus
- murine Parvovirus (only for application >40 °C)

spectrum of efficacy

