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mr

Antiviral effectiveness of „Desco MEDclean“

Dear Mr. Giebel,

our preparation „Desco MEDclean“, used as Impregnation fluid for the product „pjur med CLEAN“, contains two antimicrobial active agents which are known for being effective against enveloped viruses. These substances are Chlorhexidin and Phenoxyethanol.

The HI-virus belongs to the family of enveloped viruses with little resistance against disinfectant agents. The preparation Desco MEDclean was tested with the two relevant test-viruses of the category of enveloped viruses, which are the Vaccinia-Virus and BVDV.

There are no tests which virologists do directly with the HI-virus. According to the new guideline of the German Robert Koch Institut (RKI) about testing antiviral characteristics of disinfectants, the enveloped test-viruses Vaccinia and BVDV were chosen like recommended by the RKI.

If an effectiveness against these test-viruses is evidenced, a conclusion by analogy can be drawn for the effectiveness of the preparation against all enveloped viruses.

Among the enveloped viruses which are infectiologically most important are the Hepatitis-B-, the Hepatitis-C- and the HI-virus. The preparation Desco MEDclean already showed good antiviral effectiveness in an 80% dilution. Clear virucidal properties were shown against BVDV within 30 seconds and against the much more resistant Vaccinia-virus within 5 minutes.

For HIV standing close to BVDV concerning resistance, it can be concluded that a very high effectiveness against the HI-virus is granted.

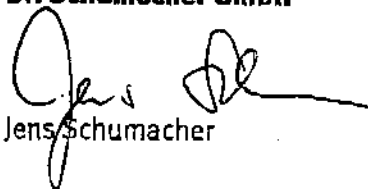
Due to a mistake of the virologist who tested the preparation in an 80% dilution, tests had to be re-started with a 100% dilution for the preparation of the final expertise.

You can assume that the described results will at least prove true or improve.

We hope being able to supply you with the expertise at least at the end of this year. Unfortunately it is a matter of fact that there are few virologists who are making expertises of this kind, why the assigned institute is very busy. Because of that we have barely influence on quickening the progress of action. For the delay we want to apologize.

Kind regards

Dr. Schumacher GmbH


Jens Schumacher

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