

Efficacy of Anigene HLD4 Formulations against Coronavirus

Medimark Scientific supplies the HLD4 formulation to the animal health market under the brand names Anigene HLD4V and Reprodis HLD4I. The HLD4 formulation has demonstrated virucidal activity relevant to enveloped viruses which includes Coronavirus.

Coronaviruses are enveloped viruses with a positive-sense single-stranded RNA genome. The HLD4 formulation has been tested against Vaccinia Virus in accordance with EN14476, the European standard for demonstrating virucidal activity of a disinfectant, against the enveloped Vaccinia virus.

According to EN14476:2013 + A2:2019, testing the efficacy of a disinfectant against Vaccinia ^[1] allows the product to claim efficacy against enveloped viruses ^[2] including Coronavirus, Influenza virus, Hepatitis B and C and Human Immunodeficiency virus (HIV).^[3]



CONCLUSION

According to EN 14476:2013 + A2:2019, **HLD4 POSSESSES VIRUCIDAL** activity at concentrations of **1:10, 1:50 and 1:200** as tested after **5 MINUTES** at **20°C** under **CLEAN** conditions (0.3 g/l bovine albumin) against *Vaccinia virus* VR-1549 Elstree strain / Vero cells.

This product therefore is effective against all enveloped viruses as defined in EN 14476:2013 + A2:2019 Annex A*. This therefore includes all coronaviruses and SARS-CoV-2.

Anigene HLD4V and Reprodis HLD4I is therefore claimed to be effective against enveloped viruses, including Coronavirus. For high risk and isolation areas, Anigene HLD4V is recommended for use at a maximum dilution (minimum concentration) of 1:50 when subjected to a 5 minute contact time.

Full test reports are available on request

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[1] Table 1 Minimum and additional test conditions EN14476:2013 + A2:2019
[2] Footnote a to Table 1 EN14476:2013 + A2:2019
[3] Annex 2 EN14476:2013 + A2:2019

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