COMPANY AND RESEARCH

Perfect Solutions LLC is a specialty Nutraceutical company that has distributed solely to the Health Care Professionals for the past five years. Humacel and Humacel Plus products which support and strengthen the immune system, have virucidal activity and provide the necessary protection for many viral conditions facing the general population today.

The active ingredient in the products is registered under the trademark Humacel® and is patents pending protected.

HUMACEL®

- Documented to inhibit viral attachment to cells.
- Compounds in Humacel® inhibit cell-to-cell fusion and hemagglutination (1,2).
- Studies show that compounds found in Humacel® to be effective against both RNA and DNA viruses.
- A potent proprietary compound Humacel® is formulated with advanced technology to better ensure potent virucidal action.
- Demonstrated inhibition of reverse transcriptase activity without inducing cytotoxicity.
- Safety studies show no toxicity and no adverse interactions with other medications or natural substances.
- A natural compound produced from a proprietary blend of phenol extracts.

CURRENT HUMACEL® RESEARCH

Ongoing Research
Animal study with Veterinarian clinics throughout the United States clinical testing all viral conditions.

Documented to inhibit Viral attachment to cells
Research has shown that efficacy is due to the ability to interfere with mechanisms responsible for viral attachment to host cells. When added to cells both during and after viral adsorption, the compounds found in Humacel® inhibit hemagglutination and cell-to-cell fusion. (3,4) This action stops the infection before the genome can be inserted into the host cell.
Studies show that compounds found in Humacel® to be effective against both RNA and DNA Viruses

Studies confirmed that some polymetric compounds are potent inhibitors of viral attachment, blocking integration of viral RNA and DNA as demonstrated in part by inhibition of reverse transcriptase activity both during and after viral adsorption. (3-13) Studies demonstrate that sensitivity of various viruses to these materials appears to be independent of nucleic acid type.

Studies demonstrate no cytotoxicity

A number of studies show that some polimetric compounds block viral protein synthesis and viral-induced hemagglutination, no host cell cytotoxicity has been observed. Humate-like polymers interfere with the viral mechanisms of host cell infection without impairing the viability of the host cell. (10,11)

Prophylaxis Benefits

The prophylactic benefits of the phenolic polymers are considerable and include immune function enhancement as well as anti-inflammatory, anti-allergenic and anti-oxidant properties. (1,2)

References

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