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Method of allophycocyanin inhibition of enterovirus and influenza virus reproduction resulting in cytopathic effect

Abstract

A method of allophycocyanin inhibition of enterovirus and influenza virus reproduction resulting in cytopathic effect, with the ingredients utilized including allophycocyanin, wherein a virus and cell culture is first cultivated in an incubator containing a culture medium solution and following cell preparation, the virus suspension of the preparation is quantitatively determined and an antiviral pharmaceutical inhibition concentration determination procedure is utilized for pharmaceutical neutralization experiments, the results indicating that allophycocyanin possesses enterovirus neutralization capability; furthermore, utilizing ingredients including allophycocyanin as the primary ingredient, virus and cells are first cultivated in an incubator containing a culture medium solution and following a virus plaque inhibition assay, the results indicate that allophycocyanin possesses influenza virus reproduction inhibition capability.