



**FLUXOME
BETA GLUCAN**

BETA GLUCAN EFFICACY

The efficacy of beta glucans can vary significantly depending on the molecule structure and solubility. The immune enhancing effect of one dietary supplement containing beta glucans compared to another is therefore not necessarily the same. The bioactive beta glucans in Fluxome® Beta Glucan (FBG) has been developed in order to provide completely intact molecules with a very high immune enhancing effect.

A comparative in vitro study was conducted In order to evaluate the immune enhancing effect of the active beta glucans in Fluxome® Beta Glucan.

A liquid product containing the same active beta glucans as Fluxome® Beta Glucan was compared to a pharmaceutical drug known to have very powerful immune stimulating properties.

The Study

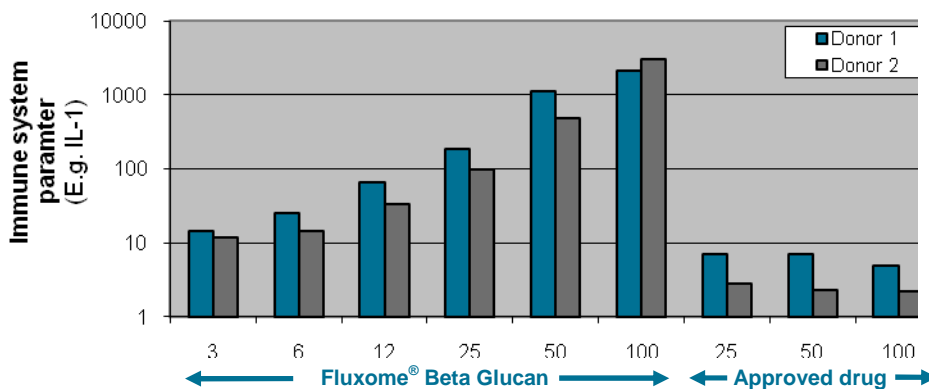
Blood samples were taken from human volunteers. The beta glucan liquid and the reference drug were subsequently added to the blood and the immune marker IL-1 was measured in all blood samples.

The beta glucan liquid was added in the following µg/ml doses: 3, 6, 12, 25, 50 and 100, while the drug was added in doses of 25, 50 and 100 µg/ml, respectively.

Results

As indicated in the graph below, the active beta glucans in Fluxome® Beta Glucan represent a higher efficacy than the beta glucans in the reference drug, when measured on the human immune marker IL-1. Even at a very low dose (3 µg/ml) the beta glucans in Fluxome® Beta Glucan prove to enhance the immune response more than a 100 µg/ml dose of the reference drug. It has thus been confirmed that the immune stimulation potential of the active beta glucans in Fluxome® Beta Glucan is significantly large, even when compared to one of the most powerful immune stimulating drugs in the market.

Graph 1 – Dose response Study. Immune response (Immune marker: IL-1) of Fluxome® Beta Glucan and an approved drug in human blood.



Source: GlycaNova Norway AS