

Phytohemagglutinin (PHA-M)

General information

Phytohemagglutinin is a lectin extracted from red kidney beans (*Phaseolus vulgaris*). The protein consists of two molecular species, a leucoagglutinin (PHA-L) and an erythroagglutinin (PHA-E). Each of the proteins contains a family of five isolectins, each being a tetramer held together by noncovalent forces. PHA-M is the mucoprotein form and is a crude extract used for the stimulation of cell proliferation in lymphocyte culture. PHA-M also has a powerful erythroagglutinating property and it was originally used for separating leukocytes from whole blood.

PHA-M is a sterile, frozen solution of an aqueous extract from selected red kidney beans.

Product specifications

Sterility	Tested
Storage	Store at ≤ -15 °C. After thawing, the PHA-M is stable for at least 1 month at +2 °C to +8 °C. PHA-M may appear cloudy at +2 °C to +8 °C. The turbidity has no effect on the activity of PHA-M.
Working concentration	After thawing, each ml will contain 5 – 10 mg of protein.

Precautions and disclaimer

For in vitro diagnostic use. PHA-M is not intended for therapeutic use.

Use of PHA-M does not guarantee the successful outcome of any diagnostic testing.

Do not use PHA-M beyond the expiration date indicated on the product label.

Ordering information

Catalogue number	Pack size
LTSMC20	5 ml

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