

# HiKaryoXL™ PHA-M Solution

With 1mg per ml PHA-M in sterile tissue culture grade water

**Product Code: TCL071**

## Product Description :

Phytohemagglutinin (PHA-M) is a lectin extracted from red kidney bean *Phaseolus vulgaris*. PHA-M is the most common mitogen used for the stimulation of cell division in lymphocyte cultures. PHA-M is a mucoprotein consisting of two subunits, a leucoagglutinin (PHA-L) and an erythroagglutinin (PHA-E). Leucoagglutinin is responsible for mitogenic property of PHA-M as it has high affinity for lymphocyte surface receptors.

TCL071 is a sterile filtered solution of 1mg per ml PHA-M in sterile tissue culture water.

## Storage and Shelf Life:

Store at -20°C. Avoid repeated freeze thaw cycles.

Shelf life of the product is 12 months.

Use before expiry date given on the product label.

## Directions :

1. Add 2ml of TCL071 per 100ml of culture medium.

Revision No.: 1 / 2013

## Quality Control:

### Appearance

Colorless, clear solution.

### Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

### Cultural Response

Complies

### Endotoxin Content

NMT 5EU/ml

## Disclaimer :

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