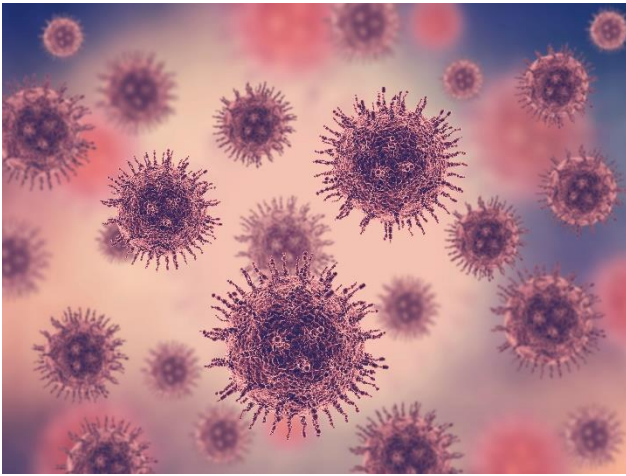


# IP MARKETPLACE

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## TECH OFFER

### METHOD OF ELISA DETECTION OF VIRUSES



#### ▶ MORE INFORMATION

##### MEGA-TREND

- Healthcare

##### TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4

##### PATENT/ GRANTED NUMBER

- PI 2014702307

#### ▶ TECHNOLOGY OVERVIEW

The present invention provides the use of microspheres composed of acrylic polymer with free carboxylic groups for enzyme-linked immunosorbent assay detection of a virus. The invention further includes a method of performing enzyme-linked immunosorbent assay detection of a virus, characterized in that microspheres composed of acrylic polymer with free carboxylic groups are provided, the virus is attached onto the microspheres as the antigen through capture antibody, and the detection is performed by means of a primary antibody against the antigen and a labeled secondary antibody binding to the primary antibody.

The detection signal was enhanced up to  $\sim 25$  times higher than conventional method

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## CONTACT US!

Dr. Lee Ching Shya

UMCIE Business Officer

Email: [leecs@um.edu.my](mailto:leecs@um.edu.my)

Phone: +603 – 7967 7351 / 7352