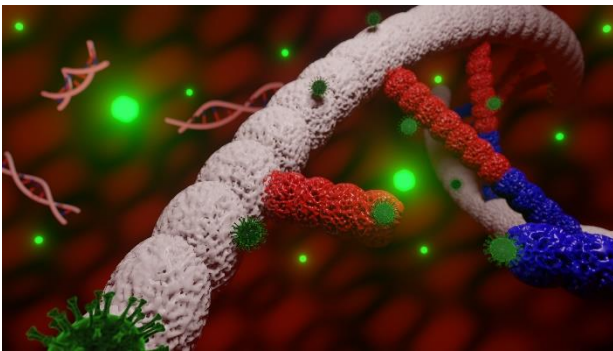


IP MARKETPLACE

CONNECTING INNOVATION TO YOUR BUSINESS

TECH OFFER

REAL-TIME POLYMERASE CHAIN REACTION PROCEDURE FOR DETECTING AND QUANTIFICATION OF CYTOMEGALOVIRUS



▶ MORE INFORMATION

MEGA-TREND

- **Healthcare, Wellness and Well Being (HWW)**

TECHNOLOGY READINESS LEVEL (TRL)

- **TRL 3**

PATENT/ GRANTED NUMBER

- **MY-176010-A**

▶ TECHNOLOGY OVERVIEW

A method for detecting presence of Cytomegalovirus in a biological sample comprises the steps of isolating DNA sample from the biological sample; mixing an effective amount of the isolated DNA sample into a reaction reagent containing fluorescent moieties attached oligonucleotides probe SEQ. No 1 and SEQ. No 2 to form a mixture; subjecting the mixture for thermo cycling of 30 to 45 cycles including denaturation at 90 to 95°C for 25 to 35 second followed by annealing at 58 to 62°C for 35 to 45 second then extension at 66 to 74°C for 30 to 90 second to produce amplicons derived

from Cytomegalovirus; verifying presence of Cytomegalovirus in the biological sample via detection of the produced amplicons in the mixture using melting curve analysis.

CONTACT US!

Dr. Lee Ching Shya

UMCIE Business Officer

Email: leecs@um.edu.my

Phone: +603 – 7967 7351 / 7352