

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:5934

ANSWERED ON:03.05.2010

FLU DETECTION KIT

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Will the Minister of DEFENCE be pleased to state:

- (a) the details of efficiency of Flu detection kit developed by DRDO;
- (b) the status of commercialization process of the product; and
- (c) the time by which it is likely to reach the common man?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF DEFENCE (SHRI A.K. ANTONY)

(a) A rapid, simple to use, cost-effective kit for reliable and early diagnosis of H1N1 (Swine Flu) patients has been developed by Defence Research and Development Organisation (DRDO). The H1N1 Reverse Transcriptase – Loop Mediated Isothermal Amplification (RT-LAMP) based test system gives results in 1-2 hours, can be used in field condition and the results can be observed with the naked eyes. The system has been successfully evaluated at three different Indian Council of Medical Research (ICMR) institutes, namely National Centre for Disease Control (NCDC), Delhi; Post Graduate Institute (PGI), Chandigarh; and National Institute of Mental Health & Neurosciences (NIMHANS), Bangalore.

(b) The technology has been transferred to industry for commercialization.

(c) The likely time to reach common man is estimated to be around 6 months from the date of approval by ICMR and clearance from DCGI.