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Authors: Viska I. Iskandar, Yutaka Sasaki, Naoto Yoshino, Raden Z.R. Abubakar, Shigehiro Sato, Yasushi Muraki



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Optimization of trypsins for influenza A/H1N1 virus replication in MDCK SI-6 cells, a novel MDCK cell line

Viska I. Iskandar¹, Yutaka Sasaki, Naoto Yoshino, Raden Z.R. Abubakar¹, Shigehiro Sato, Yasushi Muraki*

Division of Infectious Diseases and Immunology, Department of Microbiology, School of Medicine, Iwate Medical University, Yahaba, Iwate 028-3694, Japan

*Corresponding author:

Division of Infectious Diseases and Immunology, Department of Microbiology, School of Medicine, Iwate Medical University

2-1-1 Nishitokuta, Yahaba, Iwate 028-3694, Japan

Phone: +81-19-651-5111 (ext. 5790)

Fax: +81-19-908-8025

E-mail: ymuraki@iwate-med.ac.jp

¹ Present address:

PT Bio Farma (Persero) Jl. Pasteur No. 28 Bandung – 40161 Indonesia

Revised Highlights:

- SI-6 cells were obtained by extensive passage of MDCK cells with a bacterial enzyme.
- Bovine, porcine, fungal and recombinant trypsins were compared for Flu A/H1N1 growth.
- Bovine and porcine trypsins were the most suitable for virus growth in SI-6 cells.
- The virus grew better in SI-6 than in MDCK cells with bovine and porcine trypsins.

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