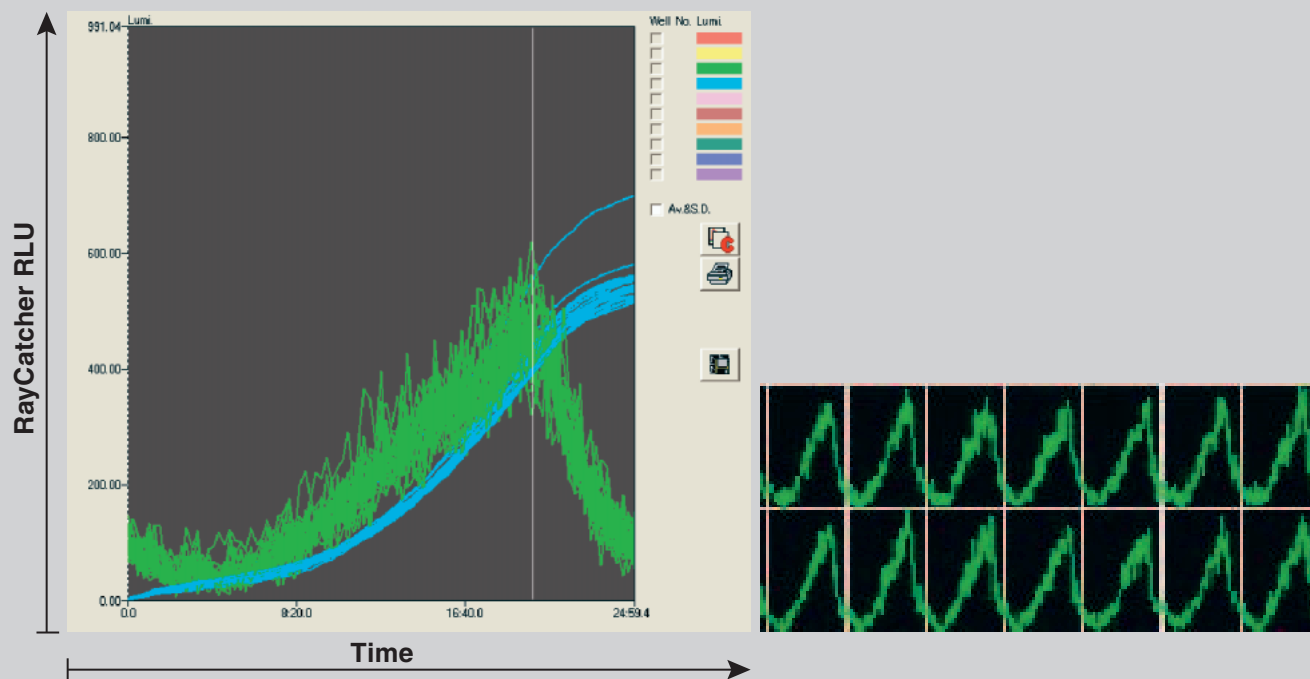


# Kinetics Application Superoxide Generation of Human Neutrophil

Cell: Human neutrophil (2000 cells/384 black microplate)  
Luminescence substrater: 200  $\mu$ M MCLA luminescence  
Stimulation: 100 nM PMA (Phorbol myristate acetate)

RayCatcher "Kinetics application mode"  
10 s photon counting



▲ MCLA luminescent changes of superoxide generation in human neutrophil

# RayCatcher Applications

## Endpoint application

- Gene expression assay
- Cell proliferation assay
- Cytotoxicity assay
- Apoptosis assay
- Receptor binding assay

## Kinetics application

- Phagocytosis
- Other kinetics assay

## Time lapse application

- Circadian rhythm
- Gene expression



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# HAMAMATSU

HAMAMATSU PHOTONICS K.K., Systems Division  
812 Joko-cho, Higashi-ku, Hamamatsu City, 431-3196, Japan, Telephone: (81)53-431-0150, Fax: (81)53-433-8031, E-mail:salesi@sys.hpj.co.jp  
U.S.A. and Canada: Hamamatsu Corporation, Systems Division: 360 Foothill Road, Bridgewater, N.J. 08807-0910, U.S.A., Telephone: (1) 908-231-0960, Fax: (1)908-231-0852, E-mail: usa@hamamatsu.com  
Germany: Hamamatsu Photonics Deutschland GmbH: Arzbergerstr. 10, D-82211 Herrsching am Ammersee, Germany, Telephone: (49)8152-375-0, Fax: (49)8152-2658, E-mail: info@hamamatsu.de  
France: Hamamatsu Photonics France S.A.R.L.: 19, Rue du Saule Trapu, Parc du Moulin de Massy, 91882 Massy Cedex, France, Telephone: (33)1 69 53 71 00, Fax: (33)1 69 53 71 10, E-mail: infos@hamamatsu.fr  
United Kingdom: Hamamatsu Photonics UK Limited: 2 Howard Court, 10Tewin Road, Welwyn Garden City, Hertfordshire, AL7 1BW, U.K., Telephone: (44) 1707-294888, Fax: (44) 1707-325777, E-mail: info@hamamatsu.co.uk  
North Europe: Hamamatsu Photonics Norden AB: Smidesvägen 12, SE-171-41 Solna, Sweden, Telephone: (46)8-509-031-00, Fax: (46)8-509-031-01, E-mail: info@hamamatsu.se  
Italy: Hamamatsu Photonics Italia S.R.L.: Strada della Moia, 1/E 20020 Arese (Milano), Italy, Telephone: (39)02-935 81 733, Fax: (39)02-935 81 741, E-mail: info@hamamatsu.it

[www.hamamatsu.com](http://www.hamamatsu.com)

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