Luminex Flexmap 3D

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Brand

Luminex

Type

Contact

Jan Bergervoet (jan.bergervoet@wur.nl)

Henry van Raaij (henry.vanraaij@wur.nl)

Organisation

Plant Sciences Group

Department

Bio Interacties en Plantgezondheid

Description

The FLEXMAP 3D® is Luminex's most advanced and versatile multiplexing platform. Fast read time, compatibility with both 96- and 384-well plates, and ease of integration with front-end automation systems make the FLEXMAP 3D the platform of choice for high throughput applications. The platform uses both magnetic and non-magnetic microspheres and is capable of simultaneously measuring up to 500 genes or proteins from a small sample. Automated start up, shut down, and maintenance routines make the FLEXMAP 3D easy to use and maintain.

Technical Details

•Multiplexing: Up to 500 analytes in a single sample

•Dynamic Range (Typical): 4.5 logs

•Read Time: 96-well plate in ~20 min (up to 144,000 tests/hour); 384-well plate in ~75 min (up to 153,600 tests/hour)

•Daily Start-Up/Shut-Down: ~30 min