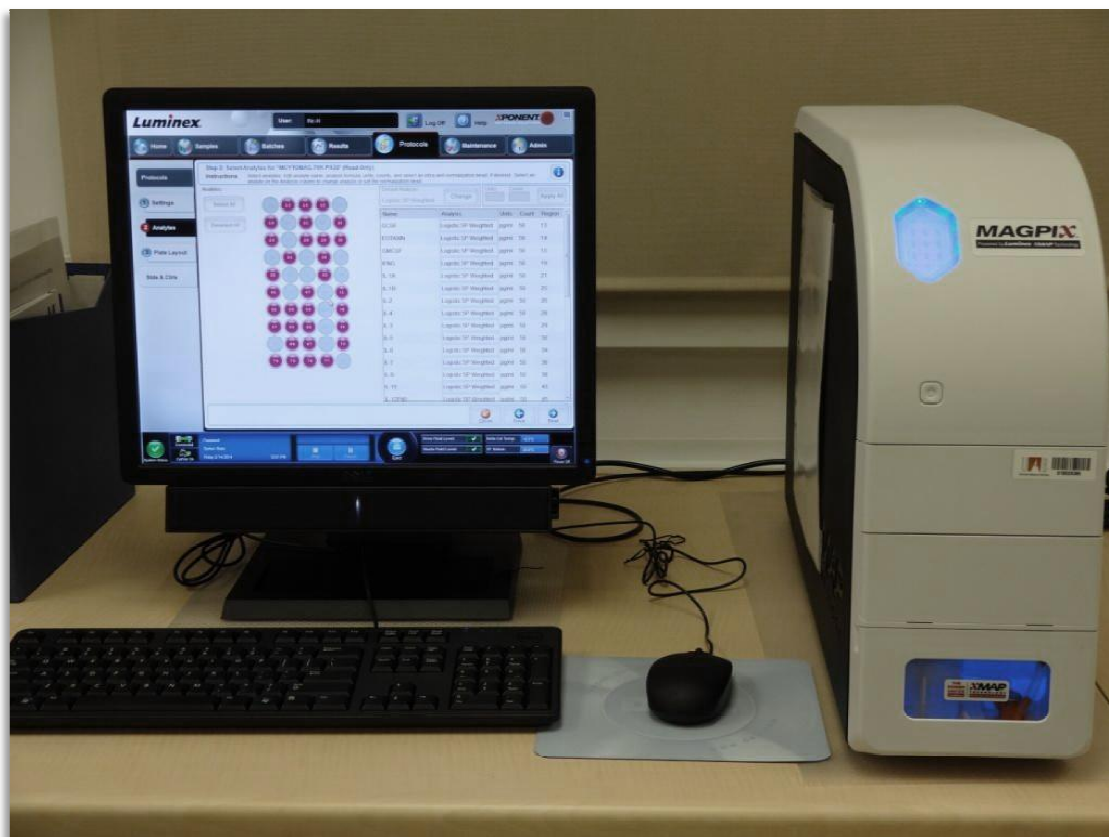


LUMINEX® MAGPIX®



Multiplexing capacity	<ul style="list-style-type: none"> • Simultaneous measure of up to 50 analytes
Reagent compatibility	<ul style="list-style-type: none"> • MagPlex® magnetic microspheres
Microplate type	<ul style="list-style-type: none"> • 96-well plate (one or multiple plates per batch)
Reading speed	<ul style="list-style-type: none"> • 96 wells in ≤ 60 minutes
Assays	<ul style="list-style-type: none"> • Commercially available kits • User-developed assays
Sensitivity (assay and analyte dependent)	<ul style="list-style-type: none"> • One-digit picogram/ml of protein
Analysis	<ul style="list-style-type: none"> • Qualitative • Quantitative

Specimen (assay dependent)	<ul style="list-style-type: none"> • $\leq 25 \mu\text{l}$ of neat serum or plasma per well • $\leq 25 \mu\text{l}$ of cell culture supernatant per well • $\leq 25 \mu\text{l}$ of protein extraction from tissue (buffer dependent)
Software	<ul style="list-style-type: none"> • xPONENT[®] 4.2 (Data acquisition) • Milliplex[®] Analyst 5.1 (Multiplex data analysis)
Optics	<ul style="list-style-type: none"> • Detection: CCD Imager • Reporter Channel Excitation: 511 nm • Classification Channel Excitation: 621 nm • Dynamic Range: ≥ 3.5 logs
Fluidics	<ul style="list-style-type: none"> • Auto adjusting probe • Sample volume uptake (assay dependent): 20-200 μl • Internal drive bottle 650ml (8 plates) • Internal Waste bottle 850ml
Accessories	<ul style="list-style-type: none"> • Hand-held magnetic separation block for 96-well plates (Millipore 40-285) • Automatic Plate washer for magnetic beads (Biotek ELx405) • Heidolph Titramax 100 plate shaker • B200 Branson Ultrasonic Cleaner • Gilson Pipetman adjustable pipettes (monocanal) • Daewoo Electronics Fridge (ERF386N)