**Description**  
Millipore Luminex 200™ *(More details)*

**Location**  
Rm510A, Biotech Centre 1

**Features**

*Flexible*
- Use xMAP-based kits or develop own assays

*Multiplex*
- Automatic sampling from a 96-well plate
- Analyze multiple assay templates per plate
- Distinguish a minimum of 1 to a maximum of 100 unique xMAP microsphere sets in a single sample
- Low sample volume screen more than 40 analytes in a single sample using 25 uL or less

**Accuracy and Precision**
- Sample uptake volume ±5%
- Temperature control 0 °C to +2 °C of target
- Internal sample carryover <0.9%

**Sensitivity**
- Detect 1000 fluorochromes phycoerythrin (PE) per xMAP microsphere
- Reporter channel dynamic range: 3.5 decades of detection

**Applications**
- Generate real-time analysis and accurate quantification of biological interactions
- Genetic and protein analysis including applications for protein expression, cell signaling, genotyping, autoimmune, cystic fibrosis, cancer, cardiac, metabolic markers, and HLA testing

**Contact**  
ptdc@hkstp.org