

ANOXIC PLATFORM, DESIGNED BY BIOASTER, sorting and cultivation of microorganisms in controlled atmosphere

An integrated platform for the selection and growing of microorganisms in controlled aerobic or anaerobic conditions, and their characterization

INTEREST

- Specific tools for selecting and growing micro-organisms from various microbiota, with the objective to build high-value collections that can be used by our collaborators
- Viability of anaerobic micro-organisms must be preserved

ADVANTAGES

- The BD Influx™ flow cytometer is perfectly adapted for the detection of bacteria
 - It allows high throughput sorting in a variety of formats
 - Selecting cells according to several criteria will potentially give access to under-represented groups of micro-organisms

KNOW HOW

- The BD Influx™ flow cytometer has been adapted for use in controlled atmosphere: with or without oxygen
- Methods to pre-select and stain microbial groups of interest
- Adapted cultivation methods
- Adapted identification and characterization methods

