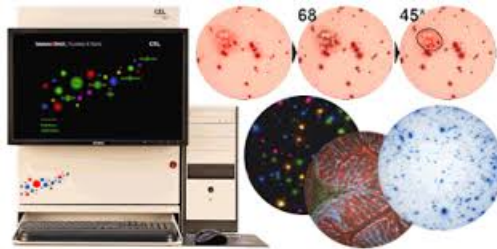


Plate Imaging

Présentation

ImmunoSpot® Analyzers plate readers designed for scanning and evaluating a wide range of microtiter plate-based bioassays- and in particular, ELISPOT assays.



The ELISPOT assay is a sensitive technique for the detection of immune cells which secrete specific signature proteins such as antibodies or cytokines.

Why ELISPOT?

- Accurate ex vivo frequency measurements down to the $1/10^6$.
- High-throughput T-cell analysis becomes feasible.
- Fewer cells are required compared to other cellular assays.
- Determinants targeted by CD4 or CD8 cells can be defined. ELISPOT assays are ideal for screening peptide libraries for determinant mapping.
- Pre- and post-treatment samples can be tested side-by-side with highly reproducible results.

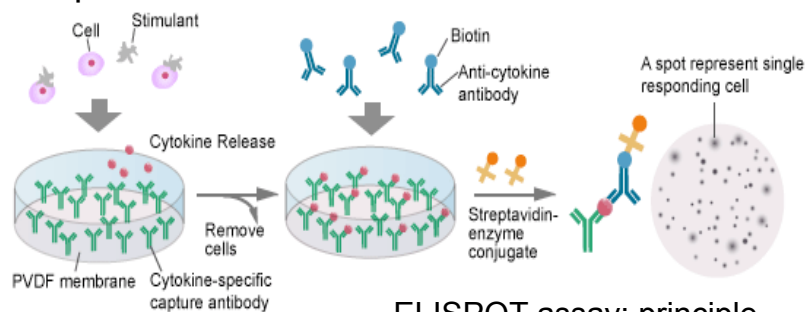


Plate Imaging

Plaque and Colony Counting

Automated colony counting with the BioSpot® line of instrumentation and software.

The CTL BioSpot® platform automated image capture and analysis systems for a broad range of colony counting applications. These include microbial load and bioburden testing, clonogenic assays, stem cell assays, Ames test, mouse lymphoma assays, viral plaque assays, and more.

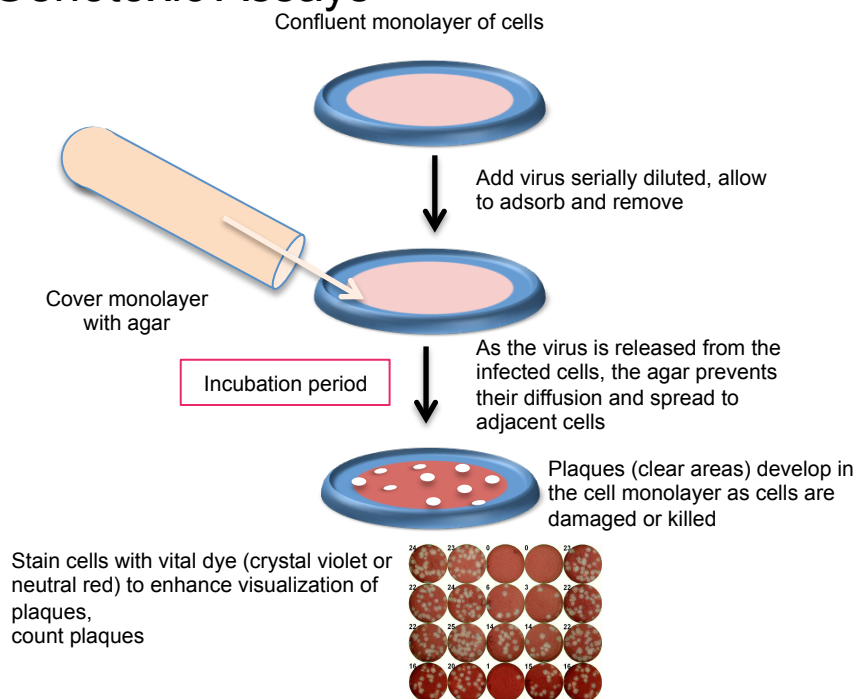
BioSpot® Applications

Microbial Assays

Mammalian Colony Assays

Viral Plaque Assays

Genotoxic Assays



Viral Plaque Assays: principle