

INEX has worked closely with CYTOO S.A. (France) since its formation in 2008, moving from process development into production. CYTOO chips have the format of glass cover slips containing thousands of micropatterns on a cytophobic surface to provide a platform for reproducible cell adhesion. In this way cell position, cell shape, cell polarity and internal cell organisation are standardised. As manufacturing partner, INEX patterns the square glass substrate which is then functionalised, diced and packaged by CYTOO.



Substrate: Glass (100 x 100 mm², 170 μm)

Technology: Metallisation and patterning

Scope: Development & Production

Integration: Pre-activation or fibronectin functionalisation, individually packed

Application: Cell biology & high throughput screening (cytoskeleton architecture, organelle morphology, protein profiles, cell signalling, toxicology, quantitative cell phenotyping, etc.) with reduced cell to cell variability