FROZEN INSTANT CELLS

- Assay ready frozen cells for instant use
- Bulk production of 10 billion cells in a batch
- Custom aliquots in plates, vials, tubes, or bags
- Functionally validated by cell based assays

YOU PROVIDE

Cells

WE PROCESS

Bulk cell production

Cryopreservation

YOU RECEIVE

Frozen cells

Cell based assay

Assay data
FROZEN CELL PRODUCTION

- Assay ready frozen cells from transfected cells, permanent cell lines, or primary cells
- Production of suspension or adherent cells in screening batches
- Carefully controlled cell expansion in CellStacks® or bioreactors
- Gentle harvest of cells preventing impact on target pharmacology
- Automated dispensing of cells into cryovials using a Fill-It®
- Controlled rate freezing of cells using a CryoMed®
- Functional control of assay ready frozen cells in a cell based assay

CELL BASED ASSAYS

- cAMP and IP-One htrf® assays
- Arrestin binding by enzyme complementation assay
- Luciferase reporter gene assays
- Fluorescence based Calcium assays
- Automated patch clamping using a Port-á-Patch®
- Radiometric uptake and transporter assays

CHO-HH2

Activation of human histamine receptor 2 measured by increase of cAMP.

Evotec Cell Culture Services

- Over ten years of experience in custom cell, membrane and protein production
- Direct communication with project scientists and full access to raw data
- Reagent production services can be accessed as a standalone function or as integral part of wider collaborative programmes
- Cell bank management scheme, establishing, propagating, backup storage and distribution of customers cell lines between subsidiaries or partners worldwide