

# Prototyping realistic prototyping

## APPLICATION

step 1: CD molding step 2: milling/  
cutting step 3: bonding/lamination  
step 4: coating

## PRINTABLE MATERIALS

- rapid and efficient de-novo prototype development
- with short iteration cycles
- injection molded prototypes enable biochemical assays and production processes to be optimized at an early stage
  - injection molding with existing tools
  - subsequent laser machining or micro milling
  - fast and cost effective alternative to pure injection molding

## YOUR BENEFITS

- prototypes with the dimensions of the final product:
- optimizing biochemical assay conditions with the final material
- optimizing high-volume production conditions with the final material
- rapid iteration time



gold coated and transparent prototypes for Axela

# prototyping by 3D printing

## APPLICATION

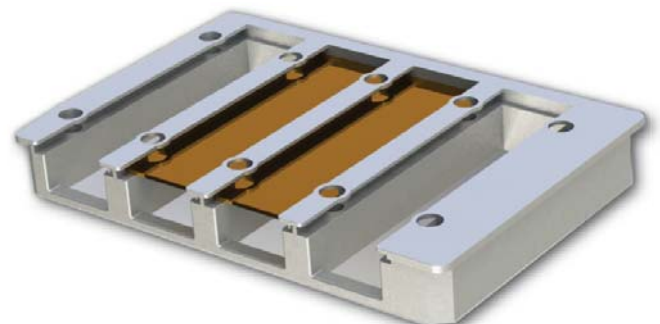
visualize your ideas  
with 3D printing

## OPTIONS FOR 3D PRINTING

- hard plastic for chips or caddies
- soft plastic for gaskets
- different colors or transparent options
- multilayer structure options

## YOUR BENEFITS

- earlier final product impact evaluation
- injects realism to partnering and fundraising activities
- optimizes mechanical fit and ease of handling
  - chip-adapter
  - chip-caddy
  - chip-instrument
  - chip-packaging



chip adapter for measurements