

Microarray slides for Innoscan scanners

A wide range of microarray slides have been tested on our scanners. Different tests have been done to be sure that InnoScan scanners are fully compatible with the most popular slides on the market place.

We have not done any biological qualification of the slides but only optical and mechanical experiments.

Tested slides

Here is the list of the slides we have tested:

- Nexterion HiSens E slides from Schott
- Nexterion Blank slides
- Epoxide slides from Corning
- UltraGAPS slides from Corning
- PATH plus slides from Gentel
- SA-1 slides from Genorama
- SAL-1 slides from Genorama
- SAL-1 Ultra slides from Genorama
- Maxisorp – black polymer from Nunc
- Maxisorp – clear polymer from Nunc

These slides may also be found as spotted slides from different companies.

InnoScan scanners are fully compatible with spotted slides from:

- Roche NimbleGen (HD2...)
- Progenika (Bloodchips, Lipo-chips...)
- Operon (OpArrays...)
- BlueGnome (Cytochips...)
- ArrayIt
- Agilent (Oligo aCGH...)

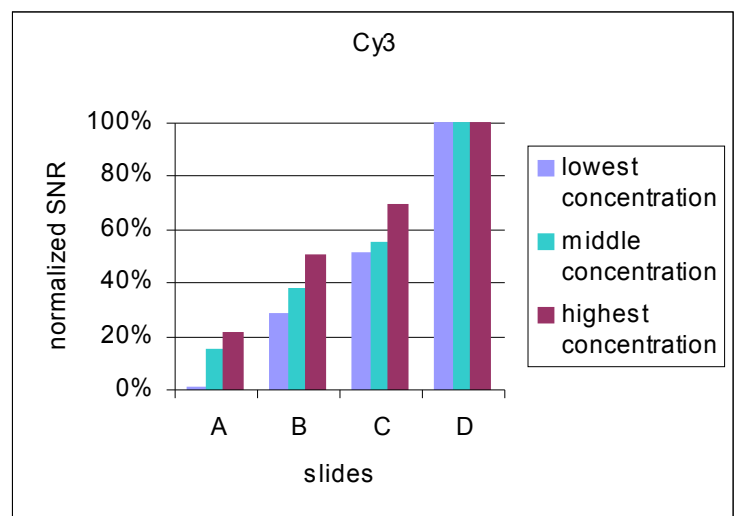
Scanner compatibility

All the listed slides have been successfully scanned with InnoScan700 scanners. Users may pick up the slide they need, according to their application, in that list.

For any other slide, please contact us to confirm the compatibility.

It is very important to choose the most appropriate slide for the given application. For example, in an application where high sensitivity is a key point, a slide giving a high signal to noise ratio (SNR) at low concentration is of interest.

Seeing the figure below, it is easy to understand that all the slides are not equivalent:



On this figure, the SNR is normalized according to the slide giving the highest signal to noise ratio. Then the highest SNR has been measured with slide D.