**GENETICS** 

## TAQMAN ® BASED GENOTYPING - WHAT'S NEW?

14.08.2006

You may have read the contribution of Monika Werner and me in "<a href="Pharmacogenetics" about "Methods of Genotyping"." It is a solution of Monika Werner and me in "Pharmacogenetics" about "Methods of Genotyping".

A point that we did not cover when describing the 5-prime-nuclease assay is the neverending miniaturisation of assays. At a recent HUGO meeting I have already seen British <u>Kbioscience</u> offering an extremely flat, black, ca. 8 x 12 x 0.2 cm, 1,536 well plastic plate (size recalled from memory) that is sealed after filling in primer / mastermix and DNA. Up to 1,000 sealed plates are then water-bathed for temperature cycling.

A few days ago another system made it on my desk: U.S. <u>BioTrove</u> sent me a demo array that is about  $6.4 \times 2 \times 0.01$  cm has precoated primer holes for 3.072 assays where you just add your DNA + mastermix before sealing and cycling it on a conventional thermocycler.

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