



A powerful solution for PCR sample management in molecular diagnostics.

The Mirage 2D barcode reader from Ziath has been optimized for reading Individual Access 2D coded PCR plates from 4titude, both part of Azenta Life Sciences, Burlington, MA.



Image captions: High performance Mirage 2D barcode reader and Individual Access PCR plate

The Individual Access PCR plate is part of the acclaimed Framestar range from 4titude which combines the rigidity of a polycarbonate frame with the excellent thermal transfer properties of polypropylene in each thermal cycler well. Individual wells in this versatile plate can be removed, and independently sealed using an Azenta semi-automated sheet or individual access heat sealer. This enables customers to use from 1 to 96 wells in each plate during a PCR run, offering full workflow flexibility and mitigation against consumable wastage. Each well in an Individual Access PCR plate has an individual, randomly generated Data Matrix 2D barcode on the base giving it a unique ID that cannot be erased or lost.

Reading these codes is as simple as placing the Individual Access PCR plate on a Ziath Mirage 2D rack reader and opening the DP5 software. By selecting the Framestar template from the menu, reading each plate becomes a one-touch operation. In under 1 second the Mirage can read all 96 plate wells, decode, and display the data on screen. To suit your labs data management preference - results can be exported automatically in a wide range of common formats including .csv, xls, pdf, png, JSON and Python.

For lab scientists who only want to read a single Individual Access plate well, the budget priced Ziath Uno single tube reader is just the job. The easy-to-use Uno simply reads the 2D barcode on the



individual Access PCR plate well and puts the result into any open program on the desktop using Microsoft Keyboard Wedge software



Image captions: Individual Access PCR plate

For further information on the Individual Access PCR plate please visit <https://www.azenta.com/individual-access-pcr-plates#place-a-request>. For further information on the Ziath range of 2D barcode readers please visit <https://ziath.com/products/barcode-scanning> or contact the company on +44-1223-855021 / +1-858-880-6920 / +31-6-4314-1195 / info@ziath.com.

Ziath specialises in development of innovative instrumentation and software for sample management using 2D Data Matrix bar-coded tubes. These products are widely used in academic, biotech and pharmaceutical organisations. Part of the Consumables and Instruments division of Azenta Life Sciences (Chelmsford, MA), the company is well placed to support customers worldwide.

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