

Ziath Frequently Asked Questions



Some of your frequently asked questions answered by Ziath, From Azenta Life Sciences

1: I have FluidX and Matrix tubes - will they work with your scanner?

Ziath readers are designed to work with all currently available and most legacy types of tubes. If your tubes are not on the list on the Ziath website, a specific template can be made for your tubes.

2: My tubes are not in a 96-well SBS format, can I still read them on your readers?

Ziath readers from Azenta can be configured with different “templates” that tell the reader where to look for the barcodes in any given rack. So if you have 24, 48, 96, 138 or 240 tubes in the standard SBS/SLAS footprint, Ziath have already pre-loaded the operating software with templates for these racks. If you have the high-density 384-position racks, you will need either the DP5 Express or Cube readers to decode these smaller tubes, but again the DP5 software has the templates there already.

3: My tubes have a “97th barcode” underneath the rack, can you read that too?

The so-called “97th code” is properly called an orientation barcode. It prevents the racks from being read on the scanner glass the wrong way around. Only if the orientation barcode is detected in the correct position will the rack be decoded, it also contains the rack barcode information. This may also appear in a linear barcode along one or more edges of the rack. All Ziath rack readers can identify and decode orientation barcodes and store the position in the rack template.

4: My racks have a linear code printed on the side, but no orientation barcode underneath, can I still get the rack code in my results?

Yes you can, but you’ll need to order the Cyclops Linear Barcode Scanner Accessory. This contains a laser scanner specially optimised for reading the linear barcode from the short end of your rack. If, for some reason, the code is only on the long side of the rack, Ziath can supply a special bracket to hold the Cyclops on the long side. Once selected as Active in DP5, the rack barcode will appear at the head of your tabulated data for each set of barcoded tubes that are read.

5: I’m working with tubes that come straight from a -SOC freezer or from LN2, can I read these on a Ziath Mirage?

The DP5 Mirage, Express and Cube readers all work with cold racks straight from LN2 or the freezer. You will need the passive Cryoprotection™ option when ordering. Cryoprotection prevents water vapour condensing on the underside of the reader glass, inside the machine, when cold racks are placed on the unit. It does not heat up your samples, it merely provides an anti-condensation coating on the glass - so it is safe to use with your precious biological samples and will not damage them.

6: I need to integrate your reader with other equipment. Do you have API documentation?

For the latest DP5 software Ziath offer a RESTful interface plus sample code in Java, C++, Python, and Go with a Swagger interface.



VISIT OUR WEBSITE TO LEARN MORE
azenta.com/ziath-tube-rack-barcode-reading-systems