

## Cuvette Matrix



	Borosilicate Glass					Optical Glass	Quartz			Methacrylate	Polystyrene
	25 x 150mm test tube	13 x 100mm test tube	12 x 75mm test tube	12mm round screw cap	0.25 mL flat bottom insert	10 x 10mm square cuvette	10 x 10mm square cuvette	25 x 115mm test tube	13 x 100mm test tube	10 x 10mm square cuvette	10 x 10mm square cuvette
Part Number	10-028A	10-031	10-029A	7200-938	<b>7000-950*</b>	7000-955	7000-956	10-295	10-299	7000-959	7000-957
<i>In vivo</i> Chlorophyll	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Extracted Chlorophyll	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU		
Extracted Chlorophyll <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy				
Phycocyanin	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Phycocyanin <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Phycocerythrin	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Phycocerythrin <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Turbidity	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Ammonium	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Ammonium <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Rhodamine	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Rhodamine <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Fluorescein	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
PTSA	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy



= OK to use



= OK to use, but might not be best choice



= Do not use

Part Number	Borosilicate Glass					Optical Glass	Quartz			Methacrylate	Polystyrene
	25 x 150mm test tube	13 x 100mm test tube	12 x 75mm test tube	12mm round screw cap	0.25 mL flat bottom insert	10 x 10mm square cuvette	10 x 10mm square cuvette	25 x 115mm test tube	13 x 100mm test tube	10 x 10mm square cuvette	10 x 10mm square cuvette
	10-028A	10-031	10-029A	7200-938	<b>7000-950*</b>	7000-955	7000-956	10-295	10-299	7000-959	7000-957
CDOM/FDOM	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
CDOM/FDOM <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Optical Brighteners	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Optical Brighteners <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Crude Oil	10-AU	10-AU	AquaFluor Trilogy	Trilogy	AquaFluor Trilogy			10-AU	10-AU	AquaFluor Trilogy	AquaFluor Trilogy
Crude Oil Extracted <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Refined Fuels								10-AU	10-AU		
Refined Fuels <b>WIDE</b>							Trilogy				
Hoechst			Trilogy	Trilogy	Trilogy					Trilogy	Trilogy
Hoechst <b>WIDE</b>			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Phosphate			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Nitrate			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy
Silicate			Trilogy	Trilogy	Trilogy	Trilogy	Trilogy			Trilogy	Trilogy



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1. Must use glass for Extracted Chlorophyll (reagents will dissolve plastics)

2. Minimum wavelength for Polystyrene is 340nm. Minimum wavelength for Methacrylate is 275nm.

3. Quartz is required for Refined Fuels (Excitation <300nm)

4. Better sensitivity with longer path length - 25mm cuvettes for Model 10-AU; higher maximum concentration with shorter path length - 13mm cuvettes for Model 10-AU.

\* **P/N 7000-950 REQUIRES Minicell Adaptor P/N 8000-936**

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