

FluoroVette™ Product Specifications

<p>Materials:</p> <p>Biocompatible Black Delrin body bonded with a Non-leaching solvent acrylic adhesive to a 50 micron UV transparent film.</p>	<p>Connectors:</p> <p>Hose barb connector (CFV-PUMP) is Polysulfone seated in acrylic Pipette interface (CFV-PIP) is acrylic</p>																				
<p>Contained volume, 50 uL Pathlength 0.75 mm Dead Volume in channels: 1 uL for the inlet channel, 1 uL for outlet channel</p>	<p>FluoroVette Overall dimensions: 4.7 mm tall, 4.3 mm wide, and 1 mm thick. Adaptor dimensions: 15 mm from base to the center of light path, 1 cm x 1 cm outer dimension. <i>Insert retaining ring with or without a lens to reduce light scatter</i> NOTE: The adaptor has a separate retaining ring to allow insertion of a plano-convex lens. Suggested lens; Edmund Optics: www.edmundoptics.com</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>LENS</th> <th>PCX</th> <th>5 X 4.6</th> <th>MGF2</th> <th>Dia.</th> <th>E.F.L.</th> <th>Type</th> <th>Comment</th> <th>Part #</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>COM</td> <td></td> <td></td> <td></td> <td>5.0</td> <td>4.6</td> <td>PCX</td> <td>LAKN14</td> <td>NT32-403</td> <td style="text-align: right;">\$19.00</td> </tr> </tbody> </table>	LENS	PCX	5 X 4.6	MGF2	Dia.	E.F.L.	Type	Comment	Part #	Price	COM				5.0	4.6	PCX	LAKN14	NT32-403	\$19.00
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<p>Solvent compatibility:</p> <p>Ethanol (up to 99.5%) Isopropyl alcohol (up to 91% in water) Aqueous buffers with or without detergents</p> <p>DO NOT FILL with Acetone or Aliphatic solvents such as Hexane. Wipe the outside with lens tissue to avoid scratching the Optical Film.</p>	<p>Directions for use:</p> <p>The FluoroVette has an inlet side, which allows the flowcell to fill from the bottom to minimize air bubble formation. The inlet side is shown on the left, the outlet side is shown on the right in Figure 1.</p> <p>NOTE Insert the FluoroVette™ into the adaptor with the inlet side facing the light source of the fluorometer. Two notches at the top of the adaptor indicate the light path as shown in Figure 2</p>																				

Figure 1

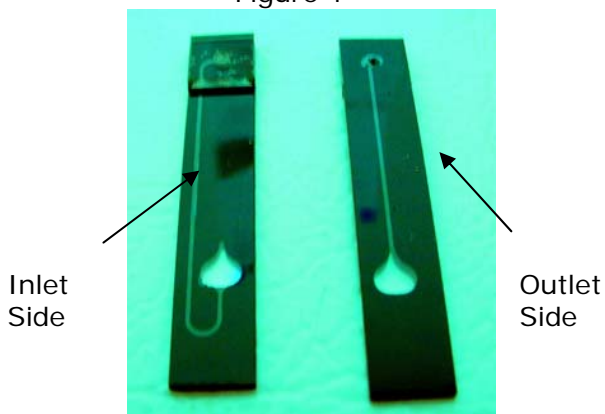
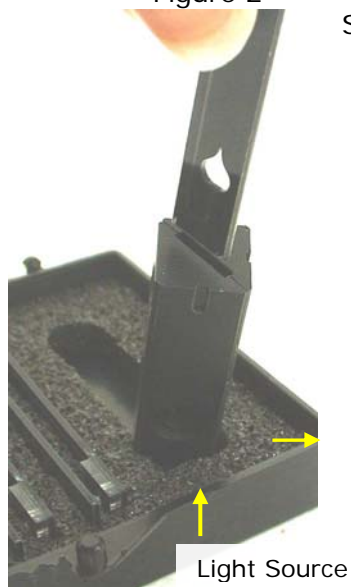
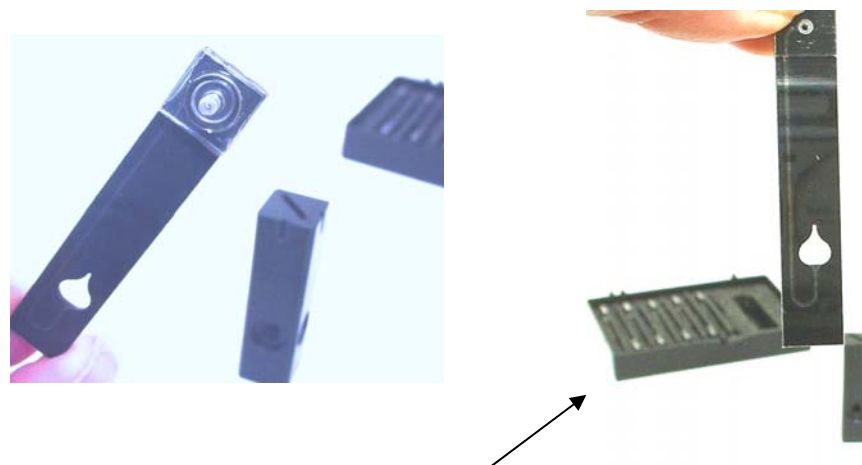


Figure 2



FluoroVette™ with Hose Barb Connections
 Shown below with the Adaptor assembly.



FluoroVette™ with Pipette Interface



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