



## Fluoromount-G<sup>®</sup>

Cat. No.	Format	Size
0100-01	Clear liquid mounting medium	25 mL

### Description

Fluoromount-G<sup>®</sup> is a water-soluble compound recommended for slides mounted after a staining procedure having an aqueous final step. Since Fluoromount-G<sup>®</sup> is water-soluble, the coverslip may be removed by submerging the slide in a PBS solution until the coverslip is loosened. This mounting medium also provides a semi-permanent seal for storage of slide preparations. The refractive index of Fluoromount-G<sup>®</sup> is reported to be ~1.4<sup>70</sup>.

### Applications

IHC-FS <sup>1-28</sup> IHC-PS <sup>7,29,30</sup>	IHC-WM <sup>31-33,48</sup> ICC <sup>12,17,30,34-64</sup>	(F)ISH <sup>6,65</sup> TUNEL <sup>6,54</sup>	PLA <sup>66</sup>
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Fluoromount-G<sup>®</sup> is compatible with the following reagents –

AEC <sup>29</sup>	Chlorin e6 (Ce6) <sup>56</sup>	Fast Red <sup>17</sup>	NeuroTrace <sup>®</sup> 435/455 Blue <sup>1</sup>
Alexa Fluor <sup>®</sup> 350 <sup>57</sup>	Coumarin <sup>28</sup>	FD Rapid GolgiStain <sup>™</sup> 69	NeuroTrace <sup>®</sup> 640/660 Deep-Red <sup>16</sup>
Alexa Fluor <sup>®</sup> 405 <sup>23</sup>	CY2 <sup>1</sup>	FLIVO <sup>®</sup> 3	Nile Red <sup>35</sup>
Alexa Fluor <sup>®</sup> 488 <sup>2,4,6,7,13,15,16,18,20,21,25,26,28,35...</sup>	CY3 <sup>1,8,22,65</sup>	FluoProbes <sup>®</sup> 488 <sup>38</sup>	NorthernLights <sup>™</sup> 493 <sup>9</sup>
Alexa Fluor <sup>®</sup> 532 <sup>44</sup>	CY3.5 <sup>25</sup>	FluoProbes <sup>®</sup> 547H <sup>38</sup>	NorthernLights <sup>™</sup> 557 <sup>12</sup>
Alexa Fluor <sup>®</sup> 546 <sup>6,39,48,58</sup>	CY5 <sup>24</sup>	Fluorescein (FITC) <sup>5,22-25,27,54,60,65</sup>	Oil Red O <sup>59</sup>
Alexa Fluor <sup>®</sup> 555 <sup>15,26,41,68</sup>	CY5.5 <sup>56</sup>	Fluoro-Emerald <sup>26,67</sup>	Oregon Green <sup>®</sup> 488 <sup>46</sup>
Alexa Fluor <sup>®</sup> 568 <sup>16, 23,25</sup>	DAB <sup>14,17</sup>	Fluoro-Gold <sup>27</sup>	Pacific Blue <sup>™</sup> 10
Alexa Fluor <sup>®</sup> 594 <sup>2,4,5,13,18,23,26,62</sup>	DAPI <sup>1,3,7,9,11,13,21,24-26,42,45,46,48,50,51,53,54,61,65</sup>	Fluoro-Jade <sup>®</sup> 18	Phycoerythrin (PE) <sup>40</sup>
Alexa Fluor <sup>®</sup> 633 <sup>38</sup>	DiI <sup>53</sup>	Fluoro-Ruby <sup>®</sup> 67	Phycoerythrin/Cyanine 7 (PE/CY7) <sup>40</sup>
Alexa Fluor <sup>®</sup> 635 <sup>57</sup>	DiI <sup>58</sup>	FM <sup>®</sup> 4-64 <sup>46</sup>	Propidium Iodide (PI) <sup>24</sup>
Alexa Fluor <sup>®</sup> 647 <sup>2,4,31,33,39,40,48</sup>	DRAQ5 <sup>®</sup> 6,19	GFP <sup>30,45,46,61</sup>	PROTEOSTAT <sup>®</sup> 13
Alexa Fluor <sup>®</sup> 660 <sup>68</sup>	DsRed <sup>43,48</sup>	HCS LipidTOX <sup>™</sup> Deep Red <sup>31</sup>	Qtracker <sup>®</sup> 655 <sup>12</sup>
Alizarin Red S <sup>21</sup>	dTomato <sup>31</sup>	HCS LipidTOX <sup>™</sup> Green <sup>33</sup>	Red Fluorescent Protein (RFP) <sup>61</sup>
AMCA <sup>30</sup>	DyLight <sup>®</sup> 350 <sup>63</sup>	Hematoxylin <sup>17,22,29</sup>	Rhodamine (TRITC) <sup>27,60</sup>
AmCyan <sup>23</sup>	DyLight <sup>®</sup> 405 <sup>8</sup>	Hoechst 33258 <sup>68</sup>	Rhodamine 6G <sup>50</sup>
Amylo-Glo <sup>®</sup> 15	DyLight <sup>®</sup> 488 <sup>26,51</sup>	Hoechst 33342 <sup>13,20,36,46</sup>	Rhodamine B <sup>32</sup>
APC <sup>11,44</sup>	DyLight <sup>®</sup> 550 <sup>45,51,55</sup>	Hoechst 34580 <sup>22,49</sup>	Rhodamine Red <sup>™</sup> -X <sup>20</sup>
BCIP/NBT <sup>6</sup>	DyLight <sup>®</sup> 594 <sup>10</sup>	Image-iT <sup>®</sup> FX Signal Enhancer <sup>10</sup>	Sudan Black B <sup>20</sup>
BODIPY <sup>®</sup> 493/503 <sup>64</sup>	DyLight <sup>®</sup> 633 <sup>55</sup>	Lissamine <sup>™</sup> Rhodamine B <sup>24</sup>	SYTOX <sup>™</sup> Green <sup>6,44</sup>
BODIPY <sup>®</sup> FL <sup>34</sup>	DyLight <sup>®</sup> 650 <sup>10</sup>	LysoTracker <sup>®</sup> Green <sup>52</sup>	TACS <sup>®</sup> 2 TdT Blue <sup>54</sup>
Brilliant Violet 421 <sup>™</sup> 31	eFluor <sup>®</sup> 450 <sup>5</sup>	LysoTracker <sup>®</sup> Red <sup>34,56,63</sup>	Texas Red <sup>®</sup> 7,30,34
CdSe-ZnS Quantum Dots <sup>52</sup>	eFluor <sup>®</sup> 615 <sup>11</sup>	Marina Blue <sup>®</sup> 19	Thioflavin S <sup>26</sup>
CellMask <sup>™</sup> Orange <sup>52</sup>	EGFP <sup>31,48</sup>	mCherry <sup>48</sup>	TMR Red <sup>5</sup>
CellTracker <sup>™</sup> Blue <sup>39</sup>	Eosin <sup>22</sup>	MitoTracker <sup>®</sup> Deep Red <sup>60</sup>	TO-PRO <sup>®</sup> -3 <sup>43</sup>
CellTracker <sup>™</sup> Green <sup>36</sup>	ER-Tracker <sup>™</sup> Green <sup>34</sup>	MitoTracker <sup>®</sup> Orange <sup>47</sup>	TSA <sup>™</sup> CY3 <sup>2</sup>
CellTracker <sup>™</sup> Orange <sup>36</sup>	Ethidium Bromide <sup>41</sup>	MitoTracker <sup>®</sup> Red <sup>45</sup>	X-gal <sup>5</sup>
CF <sup>®</sup> 488A <sup>37</sup>	Evans Blue <sup>3</sup>	MTT <sup>7</sup>	Yellow Fluorescent Protein (YFP) <sup>6</sup>
CF <sup>®</sup> 568 <sup>37</sup>	EYFP <sup>4</sup>	NBD C <sub>6</sub> -Ceramide <sup>42</sup>	
CF <sup>®</sup> 660C <sup>37</sup>	Fast Blue <sup>17,27</sup>	NBT <sup>14</sup>	

### Suggested Protocol

- Prepare samples and perform staining according to established procedures
- Following aqueous final step, remove excess liquid around the sample and add 1 drop (~50 µL) of Fluoromount-G<sup>®</sup> for an area of 22 x 22 mm
- Mount coverslip and remove excess mounting medium
- Allow to air dry for 5 minutes prior to analysis

### Handling and Storage

- Fluoromount-G<sup>®</sup> is supplied as a 25 mL solution containing NaN<sub>3</sub> as preservative. Avoid exposure to light and store at ambient temperature.

### Warning

Contains sodium azide. Please refer to product specific SDS.

### References

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