

## Applied Biosystems Standard Dye Sets for Genotyping Applications

Dye Set	DS-02	DS-20 <sup>1</sup>	DS-30	DS-31	DS-32	DS-33	DS-34	DS-40
<b>Filter Set</b>	E5	A	D	D	F	G5	C	S
<b>Blue Dyes</b>	dR110	5-FAM™	6-FAM™	6-FAM	5-FAM	6-FAM	6-FAM	6-FAM
<b>Green Dyes</b>	dR6G	JOE™	HEX™	VIC®	JOE	VIC	TET™	dR6G
<b>Yellow Dyes</b>	dTAMRA™	TAMRA™	NED™	NED	NED	NED	HEX	
<b>Red Dyes</b>	dROX™	ROX™	ROX	ROX	ROX	PET®	TAMRA	
<b>Orange Dyes</b>	LIZ®					LIZ		LIZ

<sup>1</sup>Dye primer matrix standards.

### For Research Use Only. Not for use in diagnostic procedures.

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### International Sales

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## Applied Biosystems Kits Standard Dye Sets, Kits, Instruments, and Part Numbers for Genotyping Applications

Dye Sets	DS-02	DS-20 <sup>1</sup>	DS-30	DS-31	DS-32	DS-33	DS-34	DS-40
<b>Dye Set Components</b>	dR110, dR6G, dTAMRA™, dROX™, LIZ®	5-FAM™, JOE™, TAMRA™, ROX™	6-FAM™, HEX™, NED™, ROX	6-FAM, VIC®, NED, ROX	5-FAM, JOE, NED, ROX	6-FAM, VIC, NED, PET®, LIZ	6-FAM, TET™, HEX, TAMRA	6-FAM, dR6G, LIZ
<b>Applied Biosystems Kits and Other Products for Genotyping</b>	SNaPshot® Primer Focus® Kits, SNaPshot Multiplex Kits		Custom Oligos	LMS v2.5, Mouse Mapping Primers, Custom Oligos	AmpFℓSTR® Profiler Plus <sup>2,3</sup> /Cofiler®/SGM Plus® Kits <sup>2,3</sup> , StockMarks Kits <sup>4</sup> , Plant/Microbial AFLP® Kits	AmpFℓSTR Identifiler® Kits <sup>2,3</sup> , AmpFℓSTR Yfiler™ Amplification Kits, Custom Oligos, LMS v2.5, Mouse Mapping Primers, StockMarks Kits <sup>4</sup>		SNPlex™ Genotyping System
Instruments								
Dye Set Part Numbers								
<b>ABI PRISM® 377 DNA Sequencer</b>		401114	401546 402996	401546 402996 4313939	4312131	4318159	401546	
<b>ABI PRISM® 310 Genetic Analyzers</b>	4323050	401114	401546 402996	401546 402996 4313939	4312131	4318159	401546	
<b>ABI PRISM® 3100 and 3100-Avant Genetic Analyzers</b>	4323014		4345827	4345829	4345831	4345833		
<b>Applied Biosystems 3130 and 3130x/ Genetic Analyzers</b>	4323014		4345827	4345829	4345831	4345833		4349365 <sup>5</sup>
<b>ABI PRISM® 3700 DNA Analyzers</b>	4322849		4345827	4345829	4345831	4345833		
<b>Applied Biosystems 3730 and 3730x/ DNA Analyzers</b>	4323014 <sup>4</sup>		4345827 <sup>4</sup>	4345829 <sup>4</sup>	4345831 <sup>4</sup>	4345833		4349365

<sup>1</sup>Dye primer matrix standards.

<sup>2</sup>AmpFℓSTR 4- and 5-dye kits are not supported on the Applied Biosystems 3730/3730x/ instruments.

<sup>3</sup>AmpFℓSTR 4- and 5-dye kits are supported on the ABI PRISM® 3700 instrument for databasing only.

<sup>4</sup>AB Demonstrated: Applied Biosystems has tested this application but no optimization was performed for the instrument systems. Certain components of this application workflow such as data analysis software, reagent kits and protocol for preparation of reagents may not be available through Applied Biosystems. Supporting documentation such as an application note is available from Applied Biosystems and/or third parties. This application may cause defects not covered by Applied Biosystems warranty.

<sup>5</sup>StockMarks® kits are not supported on the ABI PRISM® 3700 instrument.

<sup>6</sup>3130x/ Analyzer only

Shaded areas indicate this application has not been tested on this instrument by any parties. Applied Biosystems cannot warrant that attempting this application will not adversely affect the functionality of the instrument and other Applied Biosystems products. Data generated by this application on this instrument may not be reliable. Applied Biosystems does not provide any support for this application.