

Technical Data Sheet

Product	<b>Lineage Cocktail FITC</b>	
Cat. Number/Size	<b>6K01-T050</b>	<b>50 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Format	FITC
Reactivity	Human
Application	FC (QC tested)
Description	The Lineage Cocktail FITC is designed to stain and gate-out human T lymphocytes (CD3 <sup>+</sup> ), B lymphocytes (CD19 <sup>+</sup> CD20 <sup>+</sup> ), NK cells (CD16 <sup>+</sup> CD56 <sup>+</sup> ), non-differentiated monocytes (CD14 <sup>+</sup> ), neutrophils (CD16 <sup>+</sup> ), and eosinophils (CD14 <sup>dim</sup> ). Peripheral blood dendritic cells and basophils are Lineage negative and do not stain using this reagent. Whenever applicable, the lineage negative cells can be simultaneously stained by other monoclonal antibodies conjugated to appropriate fluorochromes. For example, dendritic cells can be distinguished by positive staining with anti HLA-DR, and basophils by positive staining with anti CD203c.
Contents	Antibody cocktail (1 ml, 50 tests) components: Anti human CD3 (clone MEM-57, IgG2a) FITC Anti human CD14 (clone MEM-15, IgG1) Anti human CD16 (clone LNK16, IgG1) Anti human CD19 (clone LT19, IgG1) Anti human CD20 (clone LT20, IgG2a) Anti human CD56 (clone MEM-188, IgG2a) Stabilizing buffer
Excitation laser	blue (488 nm)

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Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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