Product Data Sheet

Product Name: Cell Cycle and Apoptosis Detection Kit

Cat. No.: GK10045

Components

Components	50 Tests
PI Stain Buffer	500 µL
RNase A	500 µL
Cell Stain Buffer	25 mL
Storage: -20°C, protect from light	

Protocol

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1. □□□□

(1). □□□□□□□10^5-10^6□□□□4℃□1000g□□3-5min□□□□□□□□□□1mL□□□PBS□□□□□□□□1.5mL□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□50µL□□□PBS□□□□□□□□

(2). □□□□□□□□□□□□□□□□□□□□□□□□□□PBS□□4℃□1000g□□3-5min□□□□□□□□□□1mL□□□PBS□□□□□□□□1.5mL□□□□□□□□□□□□□□□□□□□□□□□□□□50µL□□□PBS□□□□□□□□

(3). □□□□□□□□□□□□□□□□□□□□□□□□□□0.5-1h□□200-400□□□□□□□□□□□□□□10^5-10^6□□□□4℃□1000g□□3-5min□□□□□□□□□□1mL□□□PBS□□□□□□□□1.5mL□□□□□□□□□□□□□□□□□□□□□□□□50µL□□□PBS□□□□□□□□

2. □□□□□□

□□□□□1mL□□□70%□□□□□□□□□4℃□□2h□□□□□□□□□□□□1000g□□3-5min□□□□□□□□□□□□□□□1mL□□□PBS□□□□□□□□□□□□□□□□□□□□

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Product Data Sheet

(1). □□□2h□□□□□□□□□□□12-24h□□□□

(2). □□□□□□□□□□□□□□□□□□□300μL PBS□□□□□□□□□□700μL□□□□□□□□□□70%□□□
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(3). □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

(4). □□□□□□□□□□□□□□□□PBS□□□2% BSA□PBS□□□□□□

(5). □□□□□□□□□□□□□□□□□50μL□□□□□□□□□□□

3. □□□

(1). □□□□□□□□□□□□□□

	1□□	6□□	12□□
Cell Stain Buffer	0.5mL	3mL	6mL
PI Stain Buffer	10μL	60μL	120μL
RNase A	10μL	60μL	120μL
□□□	0.52mL	3.12mL	6.24mL

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(2). □□□□□□□□0.5mL PI□□□□□□□□□□37℃□□□30min□□□□□□4℃□□□□□□□□□□□□□□
2-5h□□□□□□□□

4. □□□

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Product Data Sheet

[illegible]200-400[illegible]

Background

GLPBIO[illegible]Cell Cycle and Apoptosis Detection Kit[illegible](Propidium staining; PI staining)[illegible]

PI[illegible]DNA[illegible]DNA[illegible]PI[illegible]PI[illegible]PI[illegible]400-600nm[illegible]600-700nm[illegible]PI[illegible]/[illegible]493/636nm[illegible]/[illegible]535/617nm[illegible]

PI[illegible]G0/G1[illegible]1[illegible]DNA[illegible]G2/M[illegible]2[illegible]DNA[illegible]S[illegible]1-2[illegible]DNA[illegible]DNA[illegible]PI[illegible]1[illegible]sub-G1[illegible]

[illegible]DNA[illegible]

Caution: Product has not been fully validated for medical applications. For research use only.
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