

Commercial permeabilisation reagents

Brand name	Manufacturer	Comments	Time (min) ¹
Cytodetect kit	IQ producte	Intended for the detection of intracellular cytokines: includes monensin for blocking export via the golgi, fixative and permeabilising reagent	600 including time for cell stimulation
Cytofix/Cytoperm™	Pharmingen Serotec	Intended for use in the detection of intracellular cytokines	60
FACS –Lysing Solution	Becton Dickinson	Although not intended for the detection of intracellular antigens it can be used for this purpose	60
FACS Permeabilizing Solution	Becton Dickinson	Contains formaldehyde and diethylene glycol	50
Fix & Perm®	Caltag	Components not disclosed but described as FIXation and PERMeabilisation media; a modification incorporating methanol is recommended for cell cycle antigens when using FITC but not PE antibodies	40
IntraPrep™ Permeabilization Reagent	Beckman Coulter	Formaldehyde and saponin	45
IntraStain	Dako	Reagent A (fixation) formaldehyde, Reagent B (permeabilisation) not disclosed	40
IntraStainCell	Bender MedSystems	Four reagents including: monensin for blocking export via the Golgi), fixative, permeabilising reagent and resuspension buffer	70 - 85
IQ Starfiqs	IQ Products	Not disclosed	
Leucoperm™	Serotec	Not disclosed	60
Permeafix	Ortho Diagnostic Systems	Not disclosed	105
PermaCyte™	BioErgonomics	Not disclosed	95

¹ Time for permeabilization and intracellular staining to which must be added the time taken for surface antigen staining if required.