



## Antibody- and Dye-Based Kits: Conversion of Inactivated Kits to Standalone Products

To order any of these products, please call 1-800-874-3723 (US) or email pierce.CS@thermofisher.com or contact your local distributor.

\* Red denotes inactive SKUs.

Category	Targets	Old Small Kit Cat. #	Old Large Kit Cat. #	Primary Antibodies	New Cat. #	Secondary Antibodies	New Cat. #	Buffer Kit #	New Cat. #	Additional #1	New Cat. #	Additional #2	New Cat. #
<b>Key</b>													
GAM = Goat Anti-Mouse; GAR = Goat Anti-Rabbit; DAG = Donkey Anti-Goat													
Antibody-Based: Cell Cycle and Cell Proliferation	Cell Cycle I: BrdU and Phospho-Histone H3	8404601	8404602	BrdU (mouse)	MA3-071	GAM-DyLight 488	35502	Kit #3	8423000	BrdU	8419200	MgCl2	8419300
	Cell Proliferation: BrdU	8401201	8401202	Phospho-Histone H3 (rabbit)	PA5-17869	GAR-DyLight 550	84541						
	Cell Proliferation: BrdU and Ki67	8401101	8401102	BrdU (mouse)	MA3-071	GAM-DyLight 550	84540	Kit #3	8423000	BrdU	8419200	MgCl2	8419300
	Cell Proliferation: Ki67	8401301	8401302	Ki67 (rabbit)	PA5-16785	GAM-DyLight 488	35502	Kit #3	8423000	BrdU	8419200	MgCl2	8419300
	Cyclin B1 Activation	8404401	8404402	Ki67 (rabbit)	PA5-16785	GAM-DyLight 550	84541						
	Mitotic Index	K0500011	R0105101	Ki67 (rabbit)	PA5-16785	GAR-DyLight 550	84541	Kit #3	8423000				
	Phospho-PLK1 Activation	8404801	8404802	Cyclin B1	MA5-14327	GAM-DyLight 550	84540	Kit #3	8423000				
	Phospho-mTOR Activation	8408302	8408303	Mitotic Index (rabbit)	PA5-17869	GAR-DyLight 488	35522	Kit #1	8421000				
	Phospho-Rb Activation	8404501	8404502	Phospho-PLK1	PA1-126	GAR-DyLight 550	84541	Kit #3	8423000				
				Phospho-mTOR (rabbit)	Not available								
				Phospho-Rb (mouse)	MA5-12584	GAM-DyLight 550	84540	Kit #3	8423000				
Antibody-Based: Cell Morphology and Phenotypic Change	Cytoskeletal Rearrangement : F-actin and Whole Cell Probes	8402501	8402502	DY554-phalloidin	21834			Kit #3	8423000	Whole Cell Stain Green	8404902		
	Cytoskeletal Rearrangement : F-actin, Tubulin and Whole Cell Probes	8402401	8402402	Tubulin (mouse)	MA1-19187	GAM-DyLight 650	84545	Kit #3	8423000	Whole Cell Stain Green	8404902		
	Cytoskeletal Rearrangement : Tubulin and Whole Cell Probes	8402601	8402602	DY554-phalloidin	21834								
	Neurite Outgrowth	K0700011	R0105131	Tubulin (mouse)	MA1-19187	GAM-DyLight 650	84545	Kit #3	8423000	Whole Cell Stain Green	8404902		
	Synaptogenesis	8408402	8408403	Tubulin (mouse)	MA1-19187	GAM-DyLight 488	35502	Kit #1	8421000	Neurite Outgrowth Buffer	8406900		
				Synaptophysin (rabbit)	PA1-1043	GAR-DyLight 650	84546	Kit #3	8423000				
				PSD95 (mouse)	MA1-046	GAM-DyLight 488	35502						
				MAP2 (mouse)	MA5-12826	GAM-DyLight 550	84540						
Antibody-Based: Cell Signaling and Transcription Factor	ATF-2 Activation	K0100101	R0105141	ATF-2 (mouse)	PA5-17885	GAM-DyLight 488	35502	Kit #1	8421000				
	Beta-Catenin Activation	8403601	8403602	Beta-Catenin (rabbit)	PA5-16762	GAR-DyLight 550	84541	Kit #1	8421000				
	ERK MAPK Activation	K0100071	R0105091	Phospho-ERK (rabbit)	PA1-4607	GAR-DyLight 488	35552	Kit #1	8421000				
	FOXO1A Activation	8407201	8407202	FOXO1A (rabbit)	MA5-14846	GAR-DyLight 550	84541	Kit #1	8421000				
	FOXO3A	8401701	8401702	FOXO3a (rabbit)	MA5-14932	GAM-DyLight 550	84540	Kit #2	8422000				
	FOXO3A, HIF1alpha and Phospho-CREB	8401401	8401402	FOXO3a (goat)	PA1-9042	DAG-DyLight 650	SAS-10089	Kit #2	8422000				
	HIF1alpha	8401601	8401602	HIF-1 alpha (rabbit)	PA1-16601	GAR-DyLight 550	84541						
	Phospho-AKT Activation	8404101	8404102	Phospho-CREB (mouse)	MA1-114	GAM-DyLight 488	35502	Kit #2	8422000				
	Phospho-CREB	8401501	8401502	HIF-1 alpha (mouse)	MA1-516	GAM-DyLight 550	84540	Kit #2	8422000	Whole Cell Stain Green	8403202		
	Phospho-GSK-3 Detection	8407101	8407102	Phospho-AKT	OMA1-03061	GAR-DyLight 650	84546	Kit #2	8422000				
	Phospho-JNK	8404001	8404002	Phospho-CREB (mouse)	MA1-114	GAM-DyLight 550	84540	Kit #2	8422000				
	PKA Activation	8404301	8404302	Phospho-GSK-3 (rabbit)	PA5-17899	GAR-DyLight 650	84546	Kit #2	8422000				
	PKA and Phospho-CREB Activation	8404701	8404702	Phospho-JNK (mouse)	MA5-15228	GAM-DyLight 550	84540	Kit #1	8421000				
	PKCalpha Activation	K0900011	R0300011	PKA (rabbit)	PA5-17626	GAR-DyLight 550	84541	Kit #2	8422000				
	Smad3	8402101	8402102	Phospho-CREB (mouse)	MA1-114	GAM-DyLight 488	35502	Kit #1	8421000	Membrane Marker	Not available		
Smad3 and Phospho-CREB	8402001	8402002	PKCalpha (mouse)	PA5-17551	GAM-DyLight 550	84540	Kit #2	8422000					
Smad4	8404201	8404202	Smad3 (rabbit)	PA5-17378	GAR-DyLight 550	84541	Kit #2	8422000					
				Phospho-CREB (mouse)	MA1-114	GAM-DyLight 488	35502						
				Smad4 (Rabbit)	PA5-16191	GAR-DyLight 650	84546	Kit #1	8421000	Whole Cell Stain Green	8403202		
Antibody-Based: Cytotoxicity and Apoptosis	Autophagy: LC3B	8407601	8407602	LC3B (rabbit)	PA1-46286	GAR-DyLight 550	84541	Kit #2	8422000				
	Autophagy: LC3B and Poly-Ubiquitin	8407801	8407802	LC3B (rabbit)	PA1-46286	GAR-DyLight 488	35552	Kit #2	8422000				
	Caspase 3 Activation	8402201	8402202	Ubiquitin (mouse)	MA1-10035	GAM-DyLight 550	84540						
	Caspase 9 Activation	8402301	8402302	Active Caspase 3 (rabbit)	Not available	GAR-DyLight 550	84541	Kit #2	8422000				
	Cell Death Detection	8408001	8408002	Cleaved Caspase 9 (rabbit)	PA5-17913	GAR-DyLight 550	84541	Kit #2	8422000	Goat Serum	31872		
	Cleaved PARP Detection	8402701	8402702	LC3B (rabbit)	PA1-46286	GAR-DyLight 650	84546	Kit #3	8423000	Wash Buffer II	8408300	Cell Permeability	8419100
	Cytochrome C Detection	8405601	8405602	Cytochrome C (mouse)	MA5-11823	GAM-DyLight 550	84540						
	Cytotoxicity 3	8408102		Cleaved PARP (mouse)	MA1-41020	GAM-DyLight 550	84540	Kit #2	8422000				
	Mitosis and Apoptosis	8408201	8408202	Cytochrome C (mouse)	MA5-11823	GAM-DyLight 550	84540	Kit #2	8422000				
			8408203	Cytochrome C (mouse)	MA5-11823	GAM-DyLight 550	84540	Kit #1	8421000	Permeability	8419100	Mitochondrial Membrane Potential	8419000
			p53 Primary Antibody (goat)	Not available	DAG-DyLight 650	SAS-10089	Kit #3	8423000	BrdU	8419200	MgCl2	8419300	
			Active Caspase 3 (rabbit)	Not available	GAR-DyLight 550	84541							
			BrdU (mouse)	MA3-071	GAM-DyLight 488	35502							
				Ubiquitin (mouse)	MA1-10035	GAM-DyLight 550	84540						
				Ku70/80 (mouse)	MA5-13110	GAM-DyLight 550	84540	Kit #2	8422000				

Antibody-Based: Genotoxicity and DNA Damage and Repair	MDM2 and p53 Detection	8401801	8401802	MDM2 (mouse)	MA1-113	GAM-DyLight 488	35502	Kit #1	8421000
				p53 (rabbit)	MA5-14516	GAR-DyLight 550	84541		
	MDM2 Detection	8401901	8401902	MDM2 (mouse)	MA1-113	GAM-DyLight 550	84540	Kit #1	8421000
	p21 Activation	8400901	8400902	p21 (rabbit)	MA5-14949	GAR-DyLight 550	84541	Kit #1	8421000
	p53 Activation	8400801	8400802	p53 (rabbit)	MA5-14516	GAR-DyLight 550	84541	Kit #1	8421000
	p53 and p21 Activation	8400601	8400602	p53 (mouse)	MA5-12557	GAM-DyLight 550	84540	Kit #1	8421000
				p21 (rabbit)	MA5-14949	GAR-DyLight 488	35552		
	Phospho-ATM Activation	8403001	8403002	Phospho-ATM (mouse)	MA5-15185	GAM-DyLight 550	84540	Kit #2	8422000
	Phospho-ATM and p53 Activation	8405701	8405702	Phospho-ATM (mouse)	MA5-15185	GAM-DyLight 488	35502	Kit #2	8422000
				p53 (rabbit)	MA5-14516	GAR-DyLight 550	84541		

Antibody-Based: Inflammation and Cell Stress	CHOP/GADD153 Detection	8403901	8403902	CHOP/GADD153 (mouse)	MA1-250	GAM-DyLight 550	84540	Kit #1	8421000
	COX-2 Activation	8403701	8403702	COX-2 (rabbit)	PA5-17614	GAR-DyLight 550	84541	Kit #2	8422000
	Heme Oxygenase 1 Activation	8405801	8405802	Heme Oxygenase 1 (mouse)	MA1-112	GAM-DyLight 550	84540	Kit #2	8422000
	Heme Oxygenase 1 and Phospho-p38 Activation	8405901	8405902	Heme Oxygenase 1 (mouse)	MA1-112	GAM-DyLight 488	35502	Kit #2	8422000
	Hsp27 and Phospho-Hsp27 Detection	8406001	8406002	Phospho-p38 (rabbit)	MA5-15182	GAR-DyLight 550	84541		
				Hsp27 (mouse)	MA3-015	GAM-DyLight 488	35502	Kit #3	8423000
	Hsp27 Detection	8406101	8406102	Phospho-Hsp27 (rabbit)	PA5-17662	GAR-DyLight 550	84541		
	Hsp60 and Hsp90beta Detection	8406701	8406702	Hsp27 (mouse)	MA3-015	GAM-DyLight 550	84540	Kit #3	8423000
				Hsp60 (mouse)	MA3-012	GAM-DyLight 488	35502	Kit #3	8423000
	Hsp60 Detection	8406801	8406802	Hsp90beta (rabbit)	PA5-16327	GAR-DyLight 550	84541		
	Hsp70 and Hsp90alpha Detection	8406301	8406302	Hsp60 (mouse)	MA3-012	GAM-DyLight 550	84540	Kit #3	8423000
				Hsp70 (mouse)	MA3-028	GAM-DyLight 488	35502	Kit #3	8423000
	Hsp70 Detection	8406401	8406402	Hsp90alpha (rabbit)	PA5-16341	GAR-DyLight 550	84541		
	Hsp90alpha Detection	8406501	8406502	Hsp70 (mouse)	MA3-028	GAM-DyLight 550	84540	Kit #3	8423000
	Immunophilin FKBP52 Detection	8406601	8406602	Hsp90alpha (rabbit)	PA5-16341	GAR-DyLight 550	84541	Kit #3	8423000
	iNOS Activation	8403801	8403802	FKBP52 (mouse)	MA1-111	GAM-DyLight 550	84540	Kit #3	8423000
	MnSOD and Phospho-H2AX Induction	8407301	8407302	iNOS (rabbit)	PA3-030A	GAR-DyLight 550	84541	Kit #2	8422000
				MnSOD (rabbit)	PA1-125	GAR-DyLight 550	84541	Kit #2	8422000
				Phospho-H2AX (mouse)	MA1-2022	GAM-DyLight 488	35502		
	MnSOD Induction	8407001	8407002	MnSOD (rabbit)	PA1-125	GAR-DyLight 550	84541	Kit #2	8422000
	NFAT-1 Activation	K0100111	R0105151	NFAT-1 (mouse)	MA1-025	GAM-DyLight 488	35502	Kit #1	8421000
	NFkappaB Activation	K0100011	R0105021	NF-kB (rabbit)	PA5-16545	GAR-DyLight 488	35552	Kit #2	8422000
	NFkappaB Activation (Orange NFkappaB probe)	8400401	8400402	NFkappaB (rabbit)	PA5-16545	GAR-DyLight 550	84541	Kit #1	8421000
	NFkappaB and c-Jun Activation	8400301	8400302	NFkappaB (rabbit)	PA5-16545	GAR-DyLight 550	84541	Kit #1	8421000
				c-Jun (mouse)	MA5-15889	GAM-DyLight 488	35502		
	p38 MAPK Activation	K0100041	R0105071	p38 MAPK (rabbit)	MA5-15182	GAR-DyLight 488	35552	Kit #1	8421000
	Phospho-4E-BP1 Detection	8405301	8405302	Phospho-4E-BP1 (rabbit)	PA5-12847	GAR-DyLight 550	84541	Kit #2	8422000
	Phospho-c-Jun Activation	K0100031	R0105081	c-Jun (mouse)	MA5-15889	GAM-DyLight 488	35502	Kit #2	8422000
Phospho-c-Jun and Phospho-JNK Activation	8407901	8407902	Phospho-c-Jun (rabbit)	PA5-17890	GAR-DyLight 488	35552	Kit #2	8422000	
			Phospho-JNK (mouse)	MA5-15228	GAM-DyLight 550	84540			
Phospho-Hsp27 Detection	8406201	8406202	Phospho-Hsp27 (rabbit)	PA5-17662	GAR-DyLight 550	84541	Kit #3	8423000	
Phospho-S6 Detection	8405201	8405202	Phospho-S6	PA1-39503	GAR-DyLight 550	84541	Kit #2	8422000	
STAT1 Activation	K0100021	R0105031	STAT1 (rabbit)	MA5-15129	GAR-DyLight 488	35552	Kit #2	8422000	
STAT2 Activation	K0100051	R0105041	STAT2 (rabbit)	PA5-11629	GAR-DyLight 488	35552	Kit #2	8422000	
STAT3 Activation	K0100081	R0105051	STAT3 (mouse)	MA1-13042	GAM-DyLight 488	35502	Kit #2	8422000	

	Product	Catalog #	Package Size	Target or Composition	Notes
Dye Reagents and Dye-Based Kits	Acridine Orange, 10 mg/mL in 10 mL	8410500	10mL	10mg/ml solution	
	Cell Motility Evaluation HCS Kit	K0800011	5 x 96-test kit		
		R0200051	50 x 96-test kit		Inquire for bulk pricing.
	Cell Viability HitKit-480 Assays	K0200011	Kit		
	CyGEL	62256	5 x 500µL	gel	
	DAPI Solution	62248	1mL	m	
	DRAQ5	62251	200µL	5mM solution	
		62252	1 mL		
		62254	50µl		
	Fluo-8	8409200	1mg	powder	
		8409201	5 x 50µg		
	Hoechst 33342 Fluorescent Stain	62249	5 mL	20mM aqueous solution	
	JC-10	8409700	2mg	powder	
		8409701	5 x 100µg		
	Live Cell Blue Reagent	8410100	1mg	powder	
		8410101	5 x 50µg		
	Live Cell Green Reagent	8410000	1mg	powder	
		8410001	5 x 50µg		
	Live Cell Violet Reagent	8410200	1mg	powder	
		8410201	5 x 50µg		
MBBR Dye	8411001	5mg	powder		
MBBR HCS Kit	8411601	Kit (5 x 96 well)			
MBCL Dye	8410901	5mg	powder		
MBCL HCS Kit	8411501	Kit (5 x 96 well)			
Membrane Marker	Not available				
Micronucleus HCS Kit	K1100011	5 x 96-test kit			
Mitochondrial Membrane Potential Dye	8419000	50µg	Proprietary		
MitoDetect Orange	8409800	320µg	powder		
	8409801	5 x 16µg			

MitoSensor Green	8409900	400µg	powder	
	8409901	5 x 20µg		
MitoSensor Orange	8409600	400µg	powder	
	8409601	5 x 20µg		
Multiparameter Apoptosis Evaluation Kit (40 Assays)	K0400011	5 x 96-test kit		
	R0105121	50 x 96-test kit		Inquire for bulk pricing.
Multiparameter Cytotoxicity 2 (Lysosomal and Mitochondrial) HCS Kit	8400002	Kit		
Multiparameter Cytotoxicity 2 (Mitochondrial) HCS Kit	8400202	Kit		
Orange Fat Dye	8410801	5 x 96 vial	powder	
Orange Fat Staining HCS Kit	8411401	Kit		
Oxidative Stress 1 Kit	8401002	Kit (5 x 96 well)		
Permeability Dye	8419100	25µL	Proprietary	
Pluronic F-127	8409400	10mL	10% solution in H2O	
Probencid	8409500	10 x 10mL	25 mM solution	
Red Fat Staining Dye	8410701	5 x 96 vial	powder	
Red Fat Staining HCS Kit	8411301	Kit		
Rhod-4	8409300	1mg	powder	
	8409301	5 x 50µg		
Thiol Green	8410400	5mg	powder	
Whole Cell Stain Blue	8403501	1 x 96 vial	Whole Cell (blue)	
	8403502	5 x 96 vial		
Whole Cell Stain Green	8403201	1 x 96 vial	Whole Cell (green)	
	8403202	5 x 96 vial		
Whole Cell Stain Orange	8403301	1 x 96 vial	Whole Cell (orange)	
	8403302	5 x 96 vial		
Whole Cell Stain Red	8403401	1 x 96 vial	Whole Cell (red)	
	8403402	5 x 96 vial		
Whole Cell Stain Toolbox Kit	8404901	1 x 96-test kit		To replace inactive product, order Buffer Kit 1 (8421000) and Whole Cell Stain Green (8403201) and combine.
	8404902	5 x 96-test kit		To replace inactive product, order Buffer Kit 1 (8421000) and Whole Cell Stain Green (8403202) and combine.
Whole Cell Stain Toolbox Kit-Rabbit	8405001	1 x 96-test kit		To replace inactive product, order GAR-DyLight 550 (84541), Buffer Kit 1 (8421000) and Whole Cell Stain Green (8403201) and combine.
	8405002	5 x 96-test kit		To replace inactive product, order GAR-DyLight 550 (84541), Buffer Kit 1 (8421000) and Whole Cell Stain Green (8403202) and combine.
Whole Cell Stain Toolbox Kit-Mouse	8405101	1 x 96-test kit		To replace inactive product, order GAM-DyLight 550 (84540), Buffer Kit 1 (8421000) and Whole Cell Stain Green (8403201) and combine.
	8405102	5 x 96-test kit		To replace inactive product, order GAM-DyLight 550 (84540), Buffer Kit 1 (8421000) and Whole Cell Stain Green (8403202) and combine.

**Buffers, Buffer Kits and Accessory Reagents**

Product	Catalog #	Package Size	Target or Composition	Notes
Buffer Kit #1	8421000	Kit	Wash Buffer 10X (100 mL) Permeabilization Buffer 10X (100 mL) Blocking Buffer 10X (85 mL) Hoechst Dye (30 µL)	Volumes of buffers in this kit are different than standalone components
Buffer Kit #2	8422000	Kit	Wash Buffer 10X (100 mL) Wash Buffer II, aka W2 10X (100 mL) Permeabilization Buffer 10X (100 mL) Blocking Buffer 10X (85 mL) Hoechst Dye (30 µL)	Volumes of buffers in this kit are different than standalone components
Buffer Kit #3	8423000	Kit	Wash Buffer 10X (100 mL) Permeabilization Buffer 10X (100 mL) Blocking Buffer 10X (85 mL) DAPI Dye (50 µL)	Volumes of buffers in this kit are different than standalone components
Blocking Buffer	8408500	500mL	10X Proprietary Formulation for HCS	
BrdU	8419200	100µl	in DMSO	
Goat Serum	31872	2mL		
MgCl2	8419300	0.5mL	1M Solution	
Neurite Outgrowth Buffer	8406900	100mL	10X Proprietary Formulation for HCS	
Permeabilization Buffer	8408400	500mL	10X Dulbecco's PBS with 1% Triton X-100	
Wash Buffer	8408200	500mL	10X Dulbecco's PBS	
Wash Buffer II (W2)	8408300	500mL	10X Dulbecco's PBS with 1% Tween - 20	