

X-Gal/IPTG Premix

产品名称	X-Gal/IPTG Premix
公司名称	北京华夏远洋科技有限公司
价格	.00/个
规格参数	主要组成成分:X-Gal/IPTGPremix 性状:试剂 适应症:科研试验
公司地址	北京市丰台区造甲街110号2号平房(新村企业集中办公区)
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产品详情

主要组成成分	X-Gal/IPTG Premix	性状	试剂
适应症	科研试验	规格	5ml
有效期	36 (月)	生产企业	genscript
药(械)准字	genscript M00092		

cat. no.

name

size

price

sel00004

one-hour western tmbasic kit (rabbit)
1kit (5 assays)

\$60.00

one-hour western tmbasic kit (rabbit)

kit description

genscript's one-hour western tmbasic kit yields journal-quality western or dot blot results in about one hour. using genscript's breakthrough immunodetection technology (patent pending), the kit replaces the classical three-step western process, which take nearly five hours. transfer the proteins from gel to membrane and incubate it in the pretreat solution for five minutes. then incubate in wb-2 solution with the mixture of primary antibody and wb-1 solution for 40 minutes. then wash three times for five or ten minutes each. the membrane can then be developed with the hrp substrate. the one-hour western tmbasic procedure is contrasted with a classical three-step western at right. the one-

hour western kit is designed to produce high signal with low background for quick and clear western analysis of proteins. except for basic kits, all other kits contain all the necessary reagents, buffers and materials such as membrane for performing a western blot, and no additional secondary antibody is needed. the one-hour western kit saves precious research time. for added cost-efficiency, we recommend our complete kits, which contain all the reagents, membrane, hrp substrate necessary for a perfect blot. however, the kit components are also sold separately.

key features

easy to perform: this kit has fewer and simpler steps than other western kits. low background: the kit contains westclear tm nitrocellulose membrane and lumisensor tm series of chemiluminescent hrp substrate kits optimized for low background. reproducible results: the kit produces highly reproducible results. no additional secondary antibody is needed.

examples:

comparison of one-hour western blot detection with classical western blot detection. one-hour western blot detection was compared with classical western blot detection of α -tubulin protein from hela cell lysate. serially diluted hela cell lysate samples were western blotted to westclear tm nitrocellulose membrane (genscript, I00224) after sds-page. the membrane was then cut into two halves and processed with different procedures using α -tubulin monoclonal antibody (abcam, ab7291): one-hour western blot detection (1 hr, right panel of figure 2) and classical western blot detection (4.5 hours, left panel of figure 2). figure 2. western blots for the detection of α -tubulin protein from hela cell lysate by both classical western and one-hour western basic kit. 10 μ g, 2.5 μ g, 0.63 μ g, and 0.16 μ g of hela cell lysate (bd biosciences, 611449) were loaded in different lanes as shown in the figure. the classical western blot was developed with ecl system (ge healthcare, rpn2109). the one-hour western blot was developed with lumisensor tm chemiluminescent hrp substrate kit (genscript, I00221v60).

technical manual: [download pdf file tm0352](#)

components	I00204	I00205	I00399
lumisensor tm chemiluminescent hrp substrate		x	x
pretreat solution a		50 ml	
pretreat solution b			50 ml
user			
manual	1	1	1
wb-1 solution	0.5 ml	0.5 ml	0.5 ml
wb-2 solution	50 ml	50 ml	50 ml
westclear tm nitrocellulose membrane (0.2 μ m, 7.5 x 8 cm)			x
5x wash solution			1
chromosensor tm one solution tmb substrate	x	x	

document

msds: [20060818160706\(pdf\)](#)

related products
 cat. no.
 name
 size

price

selected

00204t		one-hour western tmb standard kit using tmb (rabbit)	1kit (5 assays)	\$75.00	
00205t		one-hour western tmb standard kit using tmb (mouse)	1kit (5 assays)	\$75.00	
00224a60		westclear tmb nitrocellulose membrane	1pk (5 sheets of 7.5 x 8 cm)	\$20.00	
00221v60		lumisensor tmb chemiluminescent hrp substrate kit	1kit (2 x 30ml)	\$55.00	
00222v60		chromosensor tmb one-solution tmb substrate	1pk (60ml)	\$28.00	
00228		one-hour western tmb standard kit (goat)	1kit (5 assays)	\$75.00	
00205		one-hour western tmb basic kit (mouse)	1kit (5 assays)	\$60.00	
00204c		one-hour western tmb standard kit (rabbit)	1kit	\$75.00	
00205c		one-hour western tmb standard kit (mouse)	1kit	\$75.00	
00399		one-hour western tmb basic kit (goat)	1kit (5 assays)	\$60.00	