

IC50 Kits

Product name	Company	Cat. Number	Unit Size	Price	Product Description
NA-Star® Influenza NAI Resistance Detection Kit	Applied Biosystem	4374348	1 set		The NA-Star® Influenza Neuraminidase Inhibitor Resistance Detection Reagent Set provides the assay reagents for quantitation of influenza neuraminidase inhibitor resistance in dilutions of virus culture medium. The Reagent Set includes NA-Star® Substrate (100 µL), NA-Star® Assay Buffer (480 mL) and NA-Star® Accelerator (2 x 70 mL), sufficient for 960 individual assay wells
NA-XTD® Influenza NAI Resistance Detection Kit	Applied Biosystem	4457534	1 set		The NA-XTD™ Influenza Neuraminidase Assay Kit is a next-generation chemiluminescence-based assay that provides a longer signal read-out compared to the first-generation NA-Star® Influenza Neuraminidase Inhibitor Resistance Detection Kit. The NA-XTD™ kit includes detection reagents and microplates, eliminating the need for luminometers equipped with a reagent injector and improving ease-of-use. This kit also includes complete assay protocols for quantitating sensitivity to neuraminidase inhibitors in various influenza virus isolates including: human influenza types A and B, A/H1N1 pandemic, avian, equine and porcine viruses.
NA-Star™+NA-XTD Detection Microplates	Applied Biosystem	4374349	10 plates		Solid white 96-well microplates, supplied with covers, optimized for use with the chemiluminescent NA-Star assay reagents.
NA-FLUOR® Influenza NAI Resistance Detection Kit	Applied Biosystem	4457091	1 set		The NA-Star® Influenza Neuraminidase Inhibitor Resistance Detection Reagent Set provides the assay reagents for quantitation of influenza neuraminidase inhibitor resistance in dilutions of virus culture medium. The Reagent Set includes NA-Star® Substrate (100 µL), NA-Star® Assay Buffer (480 mL) and NA-Star® Accelerator (2 x 70 mL), sufficient for 960 individual assay wells

Fluorescence-IC50 (In house)

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96 flat black well microplate	Fisher Scientific	DPS-134-070R	100 plates	£254.07	Solid assay microplate 96 well polystyrene non treated without lid, 4 subpacks of 25 platesm, solid black 360µL flat bottom.
Trifill Multi Channel Pipetter Reservoir	Camlab	RTP/78200	Pack of 10	£24.79	Polypropylene reservoir. Can be used for three different pipetting actions, contains graduated single reservoir; maximum volume 50ml multi-channel reservoir with 5ml maximum volume for use with 8 as well as 12 channel pipette. Autoclavable
MUNANA substrate (25MG)	SIGMA-ALDRICH	M8639-25MG	25MG	£453.20	Substrate for fluorometric assay of neuraminidase
MES	SIGMA-ALDRICH	M3671	250G	£205.40	Assay buffer reagents
Calcium Chloride	SIGMA-ALDRICH	C1016	100G	£14.20	Assay buffer reagents
Glycine	SIGMA-ALDRICH	G7126	100G	£11.20	Stop Solution reagents
Other reagents required: EtOH, NaOH, diH ₂ O					

Pyrosequencing

Product name	Company	Cat. Number	Unit Size	Price	Product Description
ONE-STEP RT-PCR KIT	Qiagen	210212	100 Rxns	£378.00	QIAGEN OneStep RT-PCR Enzyme Mix (1 x 200 ul), 5x QIAGEN OneStep RT-PCR Buffer (1 x 1 ml), dNTP Mix (1 x 200 ul, 10 mM each), 5x Q-Solution (1 x 2 ml), RNase-free water (2 x 1.9 ml)
BINDING BUFFER	Qiagen	979006	200 mL	£25.00	Solution providing optimal conditions for immobilization of biotinylated DNA to streptavidin-coated Sepharose beads
WASH BUFFER (10X)	Qiagen	979008	200 mL	£25.00	Solution for use with the PyroMark Q24 Vacuum Workstation and PyroMark Q96 Vacuum Workstation to wash and neutralize the immobilized DNA
DENATURATION BUFFER	Qiagen	979007	500 mL	£25.00	Solution for use with the PyroMark Q24 Vacuum Workstation and PyroMark Q96 Vacuum Workstation for preparation of single stranded DNA template
VACUUM FILTER PROBES	Qiagen	979010	100 probes	£143.00	Reusable filter probes for PyroMark Vacuum Workstation Q96 and Q24
Q96 VACUUM PREP TROUGH	Qiagen	979011	5 troughs	£17.00	Reusable plastic troughs for use with all PyroMark Q96 Vacuum Workstations
ANNEALING BUFFER	Qiagen	979009	250 mL	£25.00	Solution providing optimal conditions for annealing of sequencing primer to DNA template
LOW WELL PLATE	Qiagen	979002	100 plates	£101.00	For sample analysis of DNA template on PyroMark Q96 ID
Q96 CARTRIDGE	Qiagen	979004	3 cartridges	£206.00	For delivery of nucleotides and reagents for use with PyroMark Q96 ID
PYROGOLD Q96 REAGENTS (5 X 96)	Qiagen	972804	5x96	£264.00	For performing Pyrosequencing reactions on the PyroMark Q96 ID (5 x 96) and PyroMark Q96 MD (15 x 96)
DEEP WELL PLATE	Fisher Scientific	MPA-100-010X	25 Plates	£92.49	PCR microplate 96 well polypropylene non sterile autoclavable natural 200µL well volume RNase/DNase free Corning
STREPTAVIDIN SEPHAROSE HIGH PERFORMANCE BEADS	GE Healthcare	17-5113-01	5 mL	£238.00	Fast reliable purification of biotinylated compounds.
Other reagents required:nuclease free water					