

Product description

*Glycolmage® Glycoprotein Microplates**

Product description:

Glycoproteins are coupled to the microplate surface by covalent binding. Due to this coupling method, the plate offers a high stability in a wide pH range. Detergent treating of the surfaces after protein binding yields a minimized non-specific binding of proteins. The surfaces are not BSA-blocked.

Product	Quantity	Format	Cat. No.
Asialofetuin Plate	2	96well - transparent	192011
	1	384well - transparent	192012
	1	384well - black	192013
Fetuin Plate	2	96well - transparent	192021
	1	384well - transparent	192022
	1	384well - black	192023
Horseradish Peroxidase Plate	2	96well - transparent	192031
	1	384well - transparent	192032
	1	384well - black	192033
Glucose Oxidase Plate	2	96well - transparent	192041
	1	384well - transparent	192042
	1	384well - black	192043
Porcine Thyroglobulin Plate	2	96well - transparent	192051
	1	384well - transparent	192052
	1	384well - black	192053
Ovalbumin Plate	2	96well - transparent	192061
	1	384well - transparent	192062
	1	384well - black	192063
Transferrin Plate	2	96well - transparent	192071
	1	384well - transparent	192072
	1	384well - black	192073
1-Acid Glycoprotein Plate	2	96well - transparent	192081
	1	384well - transparent	192082
	1	384well - black	192083

Related Products

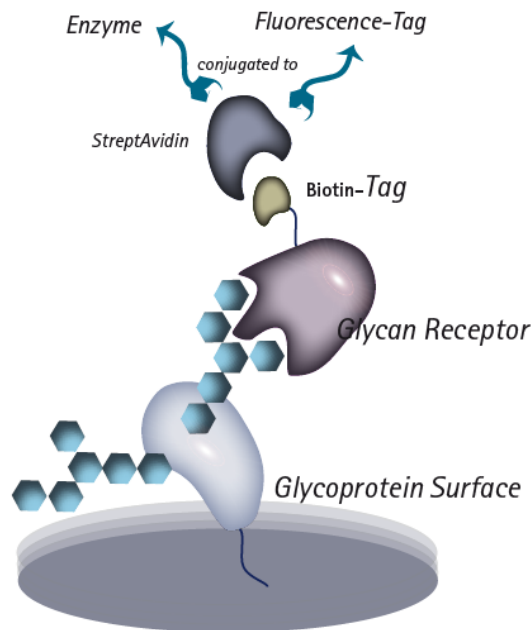
Buffer Solutions	sufficient for	Cat. No.
Assay Buffer	1000 mL	141030
Buffer Set (for transparent plates) Assay Buffer Equilibration Buffer Detection Buffer	1000mL 100mL 50mL	141020

* For research, laboratory and in vitro use only; not for drug or diagnostic use, food or food additives, household or other uses.

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Preparation and usage of microplate surfaces



1 – Re-equilibrate the plate with your assay buffer of choice for at least half an hour.

2 – Empty the plate and drop it out onto a tissue.

3 – Add your labelled sample onto the plate. It is recommended to determine control substances parallel to the sample (e.g. ConA-Biotin for mannosylated glycoproteins like Ovalbumin or BSA-Biotin as a blank control)

4 – Incubate your sample for at least 2 hours at ambient temperature or at 4°C over night (sensitive samples).

5 – Wash the plate after incubation 3 to 5 times, empty and drop out the plate after every cycle.

6 – Add your detection molecule and proceed your assay protocol due to your method of detection.

Using streptavidin-alkaline phosphatase on biotinylated samples:

7 – Add the enzyme in a concentration range of 0,1µg/mL to 1µg/mL (depends on the enzyme activity)

8 – Incubate your sample for at least 1 hour at ambient temperature.

9 – Wash the plate after incubation 3 to 5 times, empty and drop out the plate after every cycle.

10 – Equilibrate your plate to remove detergents

11 – Add your substrate (depends on the plate of choice)

12- Immediately after addition of the substrate solution, start your reading