

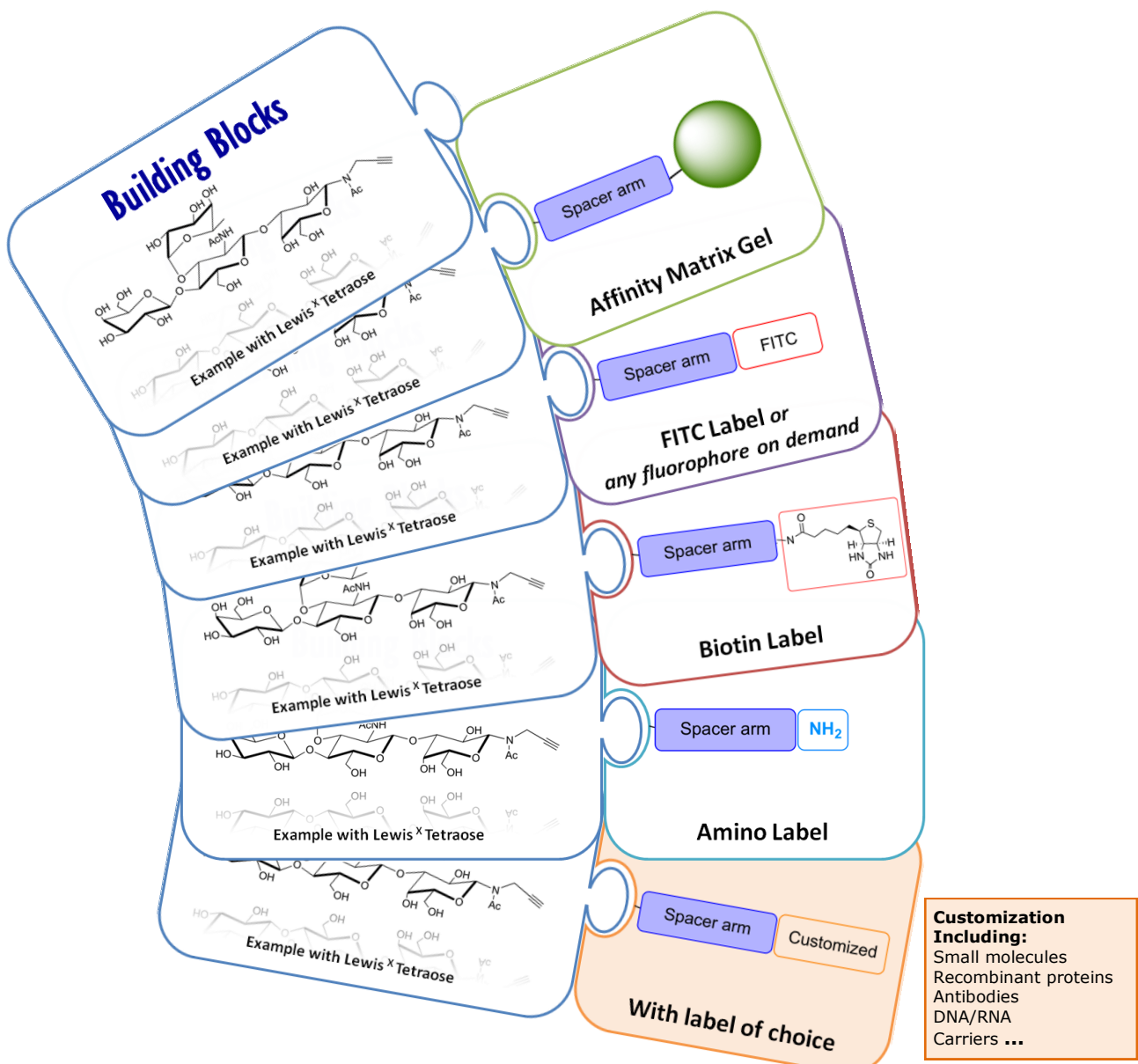


OligoTech®

Affinity Matrix, Glycodendrimers & Biotin Probes... : Taking advantages of GlycoBricks® Building Blocks

Each glycans now available as Building Blocks (ready-to-Click) or conjugated to Biotin, fluorophore & amino groups or Gel affinity matrix

→ All products can be conjugated with label of choice as customized service tailored to your needs



Thanks to Building Blocks, Elicityl leads several collaborative Biomed projects dealing with glycodendrimers & is open to welcome & design any new idea of application

Examples of products available as conjugated

Functionalized Blood group & Lewis antigens

GLY030	Blood group H antigen disaccharide *
GLY031-3	Blood Group H triose type 5/ 2'FL
GLY033-2	Blood Group H pentaose type 2
GLY034	Blood group A antigen triose *
GLY036-1	Blood group A pentaose type 1
GLY037-1	Blood group A hexaose type 1
GLY040-1	Blood group B hexaose type 1
GLY050	Lewis ^x tetraose
GLY052	Lewis ^y pentaose
GLY053	Sialyl Lewis ^x pentaose
GLY054	Lewis ^a tetraose
GLY056	Lewis ^b pentaose
GLY058	Blood group B antigen triose *

Functionalized Ganglio-Series

GLY090	3'Sialyllactose / GM3
GLY091	GD3 ganglioside sugar
GLY092	GT3 ganglioside sugar
GLY093	GM2 ganglioside sugar
GLY094	GD2 ganglioside sugar
GLY096	GM1a ganglioside sugar
GLY098	GD1a ganglioside sugar
GLY100	GT1a ganglioside sugar
GLY103	Fucosyl GM1 ganglioside sugar
GLY104	aGM2 ganglioside sugar

Functionalized Globo-Series antigens

GLY120	Globotriose / P ^k antigen
GLY123	Globo-H hexaose / SSEA-3b
GLY127	Globo-H Tetraose
GLY131	SSEA4 Hexaose
GLY151	GalNAcβ-3Gal / Gb4Globoside terminal *

Functionalized Fucosylated Oligosaccharides

GLY060	3-Fucosyllactose / 3-FL
GLY031-3	2'Fucosyllactose

Functionalized Gala-3Gal Oligosaccharides

GLY070	Isoglobotriose
GLY071-1	Galili antigen
GLY072	Isoglobotetraose

Functionalized Core structure

GLY126	Core type 4 / Galβ1-3GalNAcβ1-3Gal *
GLY153	Galα1-3Gal
GLY220	Lactose
GLY221	Galactose
GLY143	Fucose

Biotin probes key characteristics

- New generation of biotinylated saccharide probes that enable immobilization of desired oligosaccharides on streptavidin matrices for studies of carbohydrate-protein interactions
- Efficient tools for Research of biochemical transformations, imaging, protein interactions, protein & antibody purifications
- **Ready-to-immobilize** on Streptavidin/Avidin plate for **Elisa** Assays

Affinity Gel key characteristics

- Ready to use syringe with Slurry
- Non-carbohydrate matrix to avoid **non-specific sugar-dependent interactions**
- High exclusion volume (5 000 kDa for a globular protein)
- Robust : Resistant to extreme pH

FAQ: About the spacer arm?

- The spacer arm is ranging from 2 to 5 nm long
- Mainly hydrophilic type
- Spacer length **can be adapted on demand** with customized study
- **Covalent linkage** / non-destructive on Terminal conjugated carbohydrate

This selection of products is extracted from the OligoTech® catalogue, our offer of oligosaccharides and polysaccharides.

Full catalogue can be downloaded from www.elicityl-oligotech.com

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V1.1—sept 2013

* Only Amino label available at this stage