IsoSep AB

product number

60/05

Lacto -N-difucohexaose I-APD-KLH LND I-KLH (Le^b)

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Fucα1- 2Galβ1-3GlcNAcβ1-3Galβ1-4(Glc)-APD-KLH
                    4
                    |
              Fucα1
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The oligosaccharide is linked to the protein lysine reidues via a spacer using the isothiocyanate coupling method. The spacer used is acetyl-phenylenediamine (APD). It is attached to the oligosaccharide by reductive amination. The reducing monosaccharide unit is thus transformed to an aminoalditol. The monosaccharide unit modified in this way is given in parenthesis.

The conjugates normally contain 10-20 moles oligosaccharide per mole KLH

The conjugate is supplied as a freeze dried powder.

Storage: -18° C.

Reference: Kallin E (1994), Methods in Enzymology, Vol 242, p 119.