

# A selection of biopolymers for label-free experiments

Material	Examples
Polyethylene oxide/Polyethylene glycol (PEO/PEG) based materials	PEG, Dicarboxy-PEG, Diamino-PEG, PLL-g-PEG, PEGMA, ...
Polysaccharide materials	Dextrans like Carboxymethylated dextran (CMD) and Aminodextran (AMD), Carboxymethyl cellulose, ...
Polyelektrolyte materials	Polyzwitterionic, Polybetaines and Polyampholytes, MPC, SBMA, CBMA, ...
Polyhydroxy-polymer materials	Polyvinyl alcohol (PVA), Polyglycerols (dendritic, hyperbranched), Poly(2-hydroxyethyl methacrylate) (pHEMA), ...
Amide-containing-hydrophilic-polymer materials	Polyacrylamide, Poly(N-vinylpyrrolidone) (PVP), ...
Peptidomimetic polymers	See reference: A. R. Statz, R. J. Meagher, A. E. Barron, Ph. B. Messersmith, "New Peptidomimetic Polymers for Antifouling Surfaces", J. Am. Chem. Soc., 2005, 127 (22), pp 7972–7973