

Quality Control Certificate of Analysis	
	CAPTUREome Thiol Resin
Catalogue No.:	K010-300
Unit Size:	1.5 g: Sufficient for 5 mL resin when hydrated
Lot No.:	0824
Description	<p>CAPTUREome Thio Resin is a cross-linked agarose resin used for the reversible immobilisation of molecules containing thiol groups. It:</p> <ul style="list-style-type: none"> • Contains reactive 2-thiopyridyl disulphide groups attached to the agarose resin through chemically stable ether linkage; • Permits the reversible, covalent bonding of proteins, peptides and small thiol-containing ligands through thiol groups to the agarose resin via a small hydroxypropyl spacer arm; • Permits the separation of immobilized thiol-containing components from non-thiol-containing molecules; and • Permits the recovery of thiol-containing components by cleavage (reduction) of the mixed disulphides on the resin.
Material	CAPTUREome ThioPropyl Agarose
Format	Lyophilised powder
Chemical stability	Stable in commonly used aqueous buffers and detergents. Avoid azides.
Group to be coupled	-SH (thiol)
Ligand density	12.8 $\mu\text{mol/mL}$ resin
Matrix	Agarose, 4%
Storage	2-8°C, desiccated environment
pH stability	2-8
Date of manufacture	18 Aug 2024
Expiry date	17 Aug 2026
Prepared by	J. Ghy —
Checked by	J. Ghy —