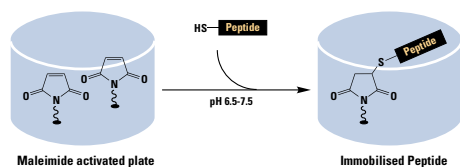


# Electrophoresis, Blotting and Immunodetection

## Plate based assay - Microplates, binding/coated



Reaction scheme for coupling sulfhydryl-containing molecules to Thermo Scientific sulfhydryl-binding plates.

### Microplates, Sulfhydryl-binding (Maleimide activated), Thermo Scientific Pierce

**Thermo**  
SCIENTIFIC

NEW

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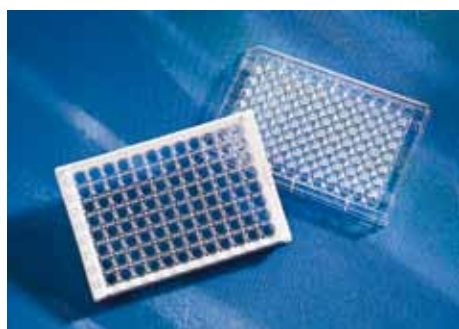
A convenient alternative to amine-reactive chemistries for attaching –SH containing compounds.

- Easy (spontaneous) immobilisation of peptides derivatised with a terminal cysteine and proteins with free sulfhydryl
- Pre-blocked to reduce non-specific binding

Maleimide groups specifically and covalently conjugate sulfhydryl groups at neutral pH, creating a stable thioether bond.

Catalogue No	Coating	Description	Blocking buffers	Binding capacity <sup>†</sup>	Pack qty
<b>PN15150</b>	Maleimide, 200µL	Clear, 8 well strip	BSA, 200µL	~100-150pmol peptide-SH/well	5
<b>PN15152</b>	Maleimide, 200µL	White, 96 well	BSA, 200µL	~100-150pmol peptide-SH/well	5
<b>PN15153</b>	Maleimide, 200µL	Black, 96 well	BSA, 200µL	~100-150pmol peptide-SH/well	5

<sup>†</sup>Approximate values



### Microplates/strips, covalent assay, without lid, Sulfhydryl-Bind™

CORNING

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Maleimide surface covalently couples to sulfhydryl groups (via SH moieties) and are ideal for assays requiring site directed orientation of a particular biomolecule, especially antibodies. Minimal surface preparation is required. Individually packed.

Catalogue No	Alt. No	Format	Well shape	Pack qty
<b>DPS-122-010Y</b>	2509	96 well plate	Flat	50
<b>DPS-122-020F</b>	2510	1 x 8 Stripwell™ plate	Flat	50



### Microplate, 24 well, filter, UNIFILTER®

**Whatman**  
Part of GE Healthcare

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Applications include: cell proliferation; receptor ligand binding; cell harvesting; protein precipitation.

The polypropylene construction of the 10mL UNIFILTER microplate enables chemical and heat-resistant operation. The long drip directors facilitate collection of filtrate with no cross talk.

Catalogue No	Alt. No	Description	Pack qty
<b>FDU-270-010T</b>	7700-9901	10mL UNIFILTER, 24 wells, natural polypropylene, long drip director	25



### Microplates, 24/48/96/384 well, filter, UNIPLATE™

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Part of GE Healthcare

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Applications include: sample storage; assay development; high throughput screening; cell culture; plasmid mini preparation.

- Wide choice of well volumes and well densities
- Capable of withstanding low temperatures for long term storage
- Conform to SBS standards and are robotic friendly

Unique features of the UNIPLATE™ include well shapes, volumes, well densities and diverse polymer technology. The UNIPLATE™ family of products represents a wide choice of multiwell devices. These collection plates fit most microplate readers and automated plate handling devices.