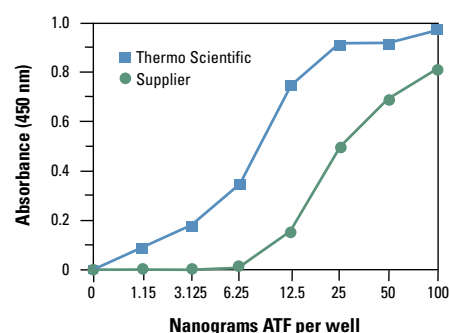


Electrophoresis, Blotting and Immunodetection

Plate based assay - Microplates, binding/coated



Binding comparison of histidine-tagged ATF fusion protein as detected by an HRP-conjugated anti-ATF antibody and TMB substrate

Microplates, nickel coated, Thermo Scientific Pierce

Thermo
SCIENTIFIC

NEW

PN

Binds recombinantly expressed fusion proteins containing a histidine tag for easy ELISA analysis.

- Better binding for more sensitive assays compared to other commercially available nickel activated plates
- Detergents used to lyse cells do not inhibit binding to Ni²⁺ coated plates as they do with plain polystyrene
- The detection limit is 1ng of histidine fusion protein

Catalogue No	Coating	Description	Blocking buffers	Binding capacity [†]	Pack qty
PN15442	Nickel Chelate, 200µL	Clear, 96 well	BSA, 200µL	~9pmol His-tagged protein/well	5
PN15142	Nickel Chelate, 200µL	Clear, 8 well strip	BSA, 200µL	~9pmol His-tagged protein/well	5
PN15242	Nickel Chelate, 200µL	White, 96 well	BSA, 200µL	~9pmol His-tagged protein/well	5
PN15342	Nickel Chelate, 200µL	Black, 96 well	BSA, 200µL	~9pmol His-tagged protein/well	5

[†]Approximate values



Microplates, nickel-chelate surface coated, without lid, Immobilizer™

Thermo
SCIENTIFIC

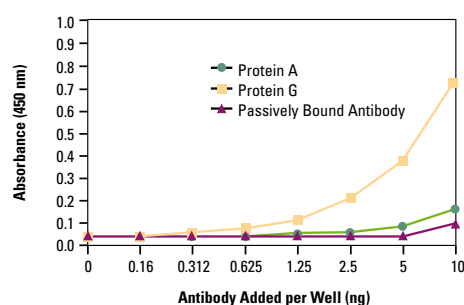
nunc

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- Nickel-chelate surface for rapid coupling of 6 x Histidine-tagged proteins
- Robust and stable surfaces, long shelf life[†]
- No blocking or activation steps required
- High sensitivity and specificity
- Highly specific binding
- High signal to noise ratio

[†] Immobilizer™ nickel-chelate plates are stable one year from date of manufacture when stored at 20 to 25°C. Immobilizer™ is a trademark of Exiqon A/S and covered by EP08 20483 and foreign applications and patents. The product is produced by Nunc under licence from Exiqon A/S.

Catalogue No	Alt. No	Description	Colour	Volume, µL	Pack qty
NIK-015-024Y	436024	96 well	Clear	400	15
NIK-015-026E	436026	96 well	White	400	15
NIK-015-027C	436027	96 well	Black	400	15
NIK-015-028A	436028	384 well	Clear	120	15
NIK-015-029V	436029	384 well	White	120	15
NIK-015-031L	436031	384 well	Black	120	15



Properly oriented capture antibodies retain higher activity in ELISA.

Microplates, protein A and protein G coated, Thermo Scientific Pierce

Thermo
SCIENTIFIC

NEW

PN

Binds antibodies through their Fc portion, correctly orienting them for maximum antigen capture.

- Immobilises antibodies without prior purification
- Ensures consistent coating (<5% well to well variation)
- Reduces nonspecific binding because plates are pre-blocked
- Performs plated-based immunoprecipitations
- Binds up to 2.5µg antibody/well (100µL coating volume)

Thermo Scientific Pierce protein A and protein G coated plates retain antibody activity, which can be lost when antibodies are immobilised by passive adsorption.