

thermo scientific

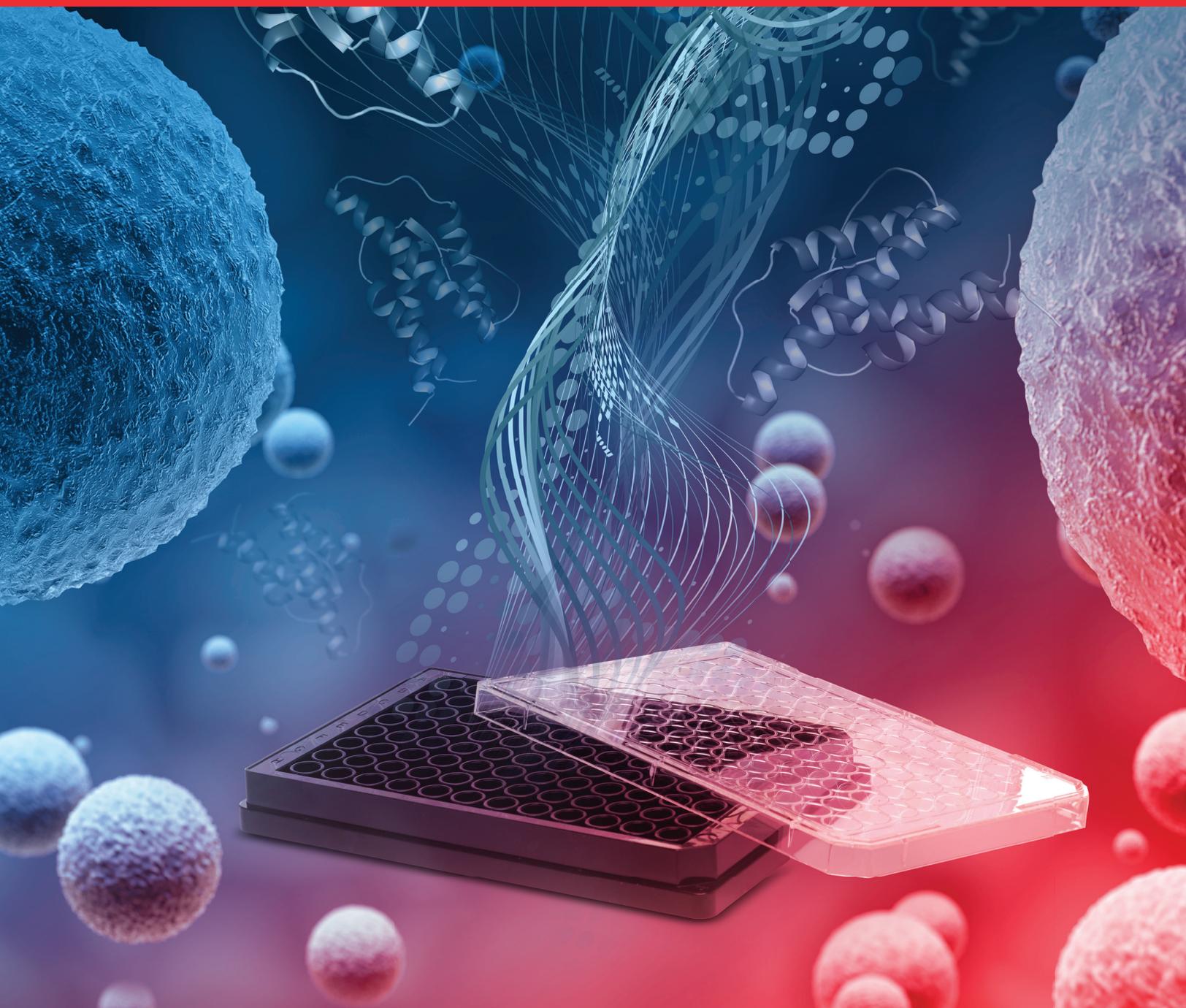


Plate selection table for plate readers

Plates | Plate readers

ThermoFisher
SCIENTIFIC

We have the plate you need

Whether you're conducting fluorescence or luminescence studies, find the Thermo Scientific™ Nunc™ plate that matches your detection technology.

Selected Nunc plates and Thermo Scientific™ plate readers that are best suited for your applications

Plate detection technology		Nunc plates									Thermo Scientific plate readers								
Detection technology	Measurement mechanism	Plate format	Surface	Application	Well design*	Color	Bottom plate	Sterile	Lid	Cat. No.	Multiskan™ FC	Multiskan™ Sky	Multiskan™ SkyHigh	Fluoroskan™	Fluoroskan™ FL	Luminoskan™	Varioskan™ LUX		
Photometry measures the amount of light absorbed by liquid samples.	Through the well	96-well	Non-treated	Suspension/solution	96 F	Black	Clear optical polymer	No	No	265301	•	•	•						
			Non-treated	Suspension/solution	95 F	White	Clear optical polymer	No	No	265302									
			Nuncion Sphera	3D cell culture	96 U	Clear	Clear	Yes	Yes	174925									
			Non-treated	UV	96	Clear	Clear	No	No	8404									
		384-well	Non-treated	Suspension/solution	384 F	Black	Clear	Clear	Yes	Yes								242764	
			Non-treated	Suspension/solution	385 F	White	Clear	Clear	Yes	Yes								142762	
		Multi-well**	Non-treated	Suspension/solution	384 F	Clear	Clear optical polymer	No	No	262260									
			Non-treated	Suspension/solution	6-well	Clear	Clear	Clear	Yes	Yes								150239	
			Non-treated	Suspension/solution	12-well	Clear	Clear	Clear	Yes	Yes								150200	
			Non-treated	Suspension/solution	24-well	Clear	Clear	Clear	Yes	Yes								144530	
			Non-treated	Suspension/solution	48-well	Clear	Clear	Clear	Yes	Yes	150787								
Fluorometry measures the amount of light emitted upon excitation of fluorophores. In some assays, the fluorescence resonance energy transfer (FRET), in which energy from a donor molecule is transferred to an acceptor molecule, is measured.	Top reading	Nunc 96-well	Non-treated	Suspension/solution	96 F	Black	Solid black	No	No	237108									
			Nuncion Delta	Adherent cell culture	96 F	Black	Solid black	Yes	Yes	137101									
			Nuncion Sphera	3D cell culture	96 U	Clear	Clear	Clear	Yes	Yes	174925								
		Nunc 384-well	Nuncion Delta	Adherent cell culture	384 F	Black	Solid black	Yes	Yes	164564									
	Bottom reading	96-well	Collagen I	ECM adherent culture	96 F	Black	Clear optical polymer	Yes	Yes	152037									
			Poly-D-Lysine	ECM adherent culture	96 F	Black	Clear optical polymer	Yes	Yes	152036									
			Nuncion Sphera	3D cell culture	96 U	Clear	Clear	Clear	Yes	Yes	174925								
			Nuncion Delta	Adherent culture	96 F	Black	Clear optical polymer	Yes	Yes	165305									
			Non-treated	Suspension/solution	96 F	Black	Clear optical polymer	No	No	265301									
			Nuncion Sphera	3D cell culture	96 U	Clear	Clear optical polymer	Yes	Yes	174925									
		Nunc 384-well	Nuncion Delta	Adherent cell culture	384 F	Black	Clear optical polymer	Yes	Yes	164564									
			Poly-D-Lysine	ECM adherent culture	384 F	Black	Clear optical polymer	Yes	Yes	152029									
			Collagen I	ECM adherent culture	384 F	Black	Clear optical polymer	Yes	Yes	152041									
			Non-treated	Suspension/solution	384 F	Clear	Clear optical polymer	No	No	262260									
Luminometry measures the amount of light that is generated as the result of a chemical or biological reaction where no exogenous source of excitation light is needed.	Top reading	Nunc 96-well	Non-treated	Suspension/solution	96 F	White	Solid white	No	No	265301									
			Nuncion Delta	Adherent cell culture	96 F	White	Solid white	Yes	Yes	136101									
		384-well	Nuncion Delta	Adherent cell culture	384 F	White	Solid white	Yes	Yes	164610									
			Non-treated	Suspension/solution	384 F	White	Solid white	No	No	262360									
	Top reading	Nunc 96-well	Non-treated	Suspension/solution	96 F	White	Solid white	No	No	265301									
			Nuncion Delta	Adherent cell culture	96 F	White	Solid white	Yes	Yes	136101									
		384-well	Nuncion Delta	Adherent cell culture	384 F	White	Solid white	Yes	Yes	164610									
			Non-treated	Suspension/solution	384 F	White	Solid white	No	No	262360									
			Non-treated	Suspension/solution	384 F	White	Solid white	No	No	262360									
			Non-treated	Suspension/solution	384 F	White	Solid white	No	No	262360									
AlphaScreen™ technology relies on the use of donor and acceptor beads with conjugated functional groups. Through conversion of singlet oxygen, the donor beads trigger acceptor-conjugated fluorophores to emit in the 520–620 nm range.	Top reading	Nunc 96-well	Non-Treated	Suspension/solution	96 F	White	Solid white	No	No	265301									
			Nuncion Delta	Adherent cell culture	96 F	White	Solid white	Yes	Yes	136101									
		384-well	Nuncion Delta	Adherent cell culture	384 F	White	Solid white	Yes	Yes	164610									
			Non-treated	Suspension/solution	384 F	White	Solid white	No	No	262360									
			1,536-well	Non-treated	Suspension/solution	1,536-well	White	Solid white	No	Yes	253607								

The above suggestions are based on common uses.

* F = flat bottom, U = U or round bottom.

**Multiskan SkyHigh can read Thermo Scientific 6-48 well plates without lid only

Find more plate options at thermofisher.com/plateguide

