

LuxPlate®

a bright idea for
brilliant results!

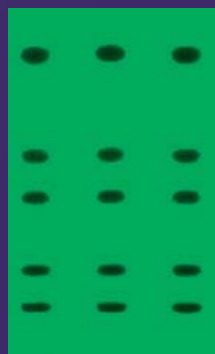
Sometimes bright just isn't
bright enough...

...depending on your application
the background brightness of a
standard TLC plate under UV light
may not be sufficient. The result is
a poor contrast of weakly absorb-
ing bands on a dark plate, making
data evaluation and interpretation
difficult.

The new LuxPlate® family offers
the same high class separation re-
sults on TLC plates that are twice
as bright under UV light when
compared to conventional TLC
plates.



Merck
Conventional



Merck
LuxPlate®

Your benefit

Easy identification of the separated zones thanks to the higher
content of fluorescence indicator.

LuxPlate® TLC plates - A bright idea for brilliant results !

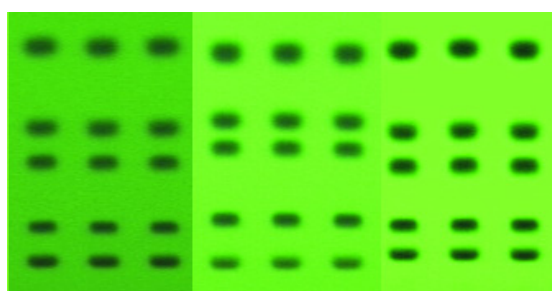
In order to enhance the background brightness we have considerably increased the content of the fluorescence indicator in the TLC plate and furthermore elevated the amount of binder, resulting in a significantly brighter TLC plate with an even more stable and robust surface.

Your benefits

- twice as bright under UV light compared to conventional TLC plates
- easy identification of the developed bands due to better contrast against plate background
- available in 5 different plate formats (see table below)

At a glance

Direct comparison against conventional TLC plates:



Merck
(conventional)

Competitor
ADAMANT

Merck
LuxPlate®

Applications

Since the addition of indicator and binder to the production batch does not alter the plate selectivity, the customers can expect the same analyte selectivities and separation characteristics from the new LuxPlate® family as he already knows and appreciates from our existing TLC range (see table with cross-reference products).

LuxPlate® ordering information

Available LuxPlate® formats are shown in the following table together with a cross reference to already existing Merck TLC plates (offering standard background brightness):

Product name	Ordering No. LuxPlate®	Layer thickness	Format (cm)	Contents of one package	Cross reference article from Merck
LuxPlate® Si 60 F ₂₅₄	1.05801.0001	0.25 mm	2.5 x 7.5 cm	100 plates	1.15327.0001
LuxPlate® Si 60 F ₂₅₄	1.05802.0001	0.25 mm	5 x 10 cm	25 plates	1.05798.0001
LuxPlate® Si 60 F ₂₅₄	1.05803.0001	0.25 mm	5 x 20 cm	100 plates	1.05714.0001
LuxPlate® Si 60 F ₂₅₄	1.05804.0001	0.25 mm	10 x 20 cm	50 plates	1.05729.0001
LuxPlate® Si 60 F ₂₅₄	1.05805.0001	0.25 mm	20 x 20 cm	25 plates	1.05715.0001

Further information

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