

PRODUCT DATA SHEET

TMTsixplex™ Isobaric Mass Tagging Kit

Product Number: 90064

Lot Number: ZL408490

Form: The TMTzero™ and TMTsixplex™ Label Reagents are supplied dried, 5 tubes x 0.8 mg/tube. Make a stock solution by reconstituting each tube with 40 µl acetonitrile.

Note: The positions of ¹⁵N and ¹³C heavy isotopes have changed recently in the TMTsixplex-127 and TMTsixplex-129 chemical structures. TMTsixplex reagents now permit full sixplex quantitation with both CID and ETD fragmentation methods. The 127 and 129 Da reporter ion masses have changed slightly; please refer to Table 2 of the instruction booklet to update the reporter ion masses or mass tolerance window in your data analysis software.

Reporter Ion Isotopic Distributions:

Label Reagent	-2	-1	Main (Normalized)	+1	+2
TMT ⁶ -126	0.0%	0.0%	100%	8.6%	0.3%
TMT ⁶ -127	0.0%	0.1%	100%	7.8%	0.1%
TMT ⁶ -128	0.0%	1.5%	100%	6.2%	0.2%
TMT ⁶ -129	0.0%	1.4%	100%	6.7%	0.1%
TMT ⁶ -130	0.0%	2.8%	100%	4.5%	0.1%
TMT ⁶ -131	0.1%	2.9%	100%	3.8%	0.0%

Stability: One year from date of product receipt.

Storage: Store at -20°C.

Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product label.

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