

PRODUCT DATA SHEET
TMTsixplex™ Isobaric Mass Tagging Kit
Product Number: 90064

Lot Number: ZL408490A

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.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals.

 Pierce Biotechnology
 3747 N. Meridian Road
 Rockford, IL 61101 USA

 (800) 874-3723 tel
 (815) 968-0747 tel

 (815) 968-7316 fax
www.thermoscientific.com/pierce