

PRODUCT DATA SHEET
TMT10plex™ Label Reagent Set
Product Number: 90110

Lot Number: ZJ396508

Form: The TMT10plex™ Label Reagents are supplied dried, 0.8 mg/tube. Make a stock solution by reconstituting each tube with 41 µl acetonitrile.

Note: Please refer to Table 2 of the instruction booklet for cross-referenced TMTsixplex products, reporter ion masses or mass tolerance window in your data analysis software.

** Reporter ion isotopic distributions (-2, -1, +1, +2) are primarily for carbon isotopes with reporter ion interference for each mass tag shown in parentheses. Reporter ion isotopic distributions can be used as isotope correction factors in TMT10plex method template in Proteome Discoverer software version 2.1 and above. Reporter ion isotopic distributions are not used as isotope correction factors in Proteome Discoverer software version 2.0 and below.

****Reporter Ion Isotopic Distributions:**

Mass Tag	Reporter Ion	-2	-1	Monoisotopic	+1	+2
TMT ¹⁰ -126	126.127726	0.0%	0.0%	100%	8.6% (127C)	0.3% (128C)
TMT ¹⁰ -127N	127.124761	0.0%	0.1%	100%	10.5% (128N)	0.2% (129N)
TMT ¹⁰ -127C	127.131081	0.0%	0.8% (126)	100%	6.9% (128C)	0.1% (129C)
TMT ¹⁰ -128N	128.128116	0.0%	1.0% (127N)	100%	7.4% (129N)	0.0% (130N)
TMT ¹⁰ -128C	128.134436	0.0% (126)	1.6% (127C)	100%	6.7% (129C)	0.1% (130C)
TMT ¹⁰ -129N	129.131471	0.0% (127N)	1.4% (128N)	100%	6.7% (130N)	0.1% (131)
TMT ¹⁰ -129C	129.137790	0.0% (127C)	2.6% (128C)	100%	4.8% (130C)	0.0%
TMT ¹⁰ -130N	130.134825	0.0% (128N)	2.4% (129N)	100%	5.6% (131)	0.1%
TMT ¹⁰ -130C	130.141145	0.0% (128C)	2.8% (129C)	100%	4.5%	0.1%
TMT ¹⁰ -131	131.138180	0.1% (129N)	2.9% (130N)	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.