

**PRODUCT DATA SHEET**

**TMTsixplex™ Label Reagent Set, 6 Samples**

**Product Number:** 90061

**Lot Number:** YH367263

**Form:** The TMTsixplex™ 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 TMTsixplex mass modification, 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. Reporter ion isotopic distributions can be used as isotope correction factors in TMT6plex method template in Proteome Discoverer software version 1.4 and above.

**\*\*Reporter Ion Isotopic Distributions:**

Mass Tag	Mass Reporter	Reporter Ion	-2	-1	Monoisotopic	+1	+2
<b>TMT<sup>6</sup>-126</b>	126	126.127726	0.0%	0.0%	<b>100%</b>	8.3%	0.3%
<b>TMT<sup>6</sup>-127</b>	127N	127.124761	0.0%	0.1%	<b>100%</b>	7.8%	0.1%
<b>TMT<sup>6</sup>-128</b>	128C	128.134436	0.0%	1.5%	<b>100%</b>	6.2%	0.2%
<b>TMT<sup>6</sup>-129</b>	129N	129.131471	0.0%	1.5%	<b>100%</b>	5.7%	0.1%
<b>TMT<sup>6</sup>-130</b>	130C	130.141145	0.0%	3.1%	<b>100%</b>	3.6%	0.0%
<b>TMT<sup>6</sup>-131</b>	131	131.138180	0.1%	2.9%	<b>100%</b>	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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