

**PRODUCT DATA SHEET**
**TMT10plex™ Label Reagent Set, 80 Samples**
**Product Number:** 90309

**Lot Number:** YE373199

**Form:** The TMT10plex™ Label Reagents are supplied dried, 0.2 mg/tube. Make a stock solution by reconstituting each tube with 20 µl acetonitrile. For long term stability, unopened reagent must be stored at -20°C in a foil pouch with desiccant.

**Note:** Please refer to Table 2 of the instruction booklet for cross-referenced TMT10plex 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
<b>TMT<sup>10</sup>-126</b>	126.127726	0.0%	0.0%	<b>100%</b>	8.6% (127C)	0.3% (128C)
<b>TMT<sup>10</sup>-127N</b>	127.124761	0.0%	0.1%	<b>100%</b>	7.8% (128N)	0.1% (129N)
<b>TMT<sup>10</sup>-127C</b>	127.131081	0.0%	0.8% (126)	<b>100%</b>	6.9% (128C)	0.1% (129C)
<b>TMT<sup>10</sup>-128N</b>	128.128116	0.0%	1.0% (127N)	<b>100%</b>	7.4% (129N)	0.0% (130N)
<b>TMT<sup>10</sup>-128C</b>	128.134436	0.0% (126)	1.5% (127C)	<b>100%</b>	6.2% (129C)	0.2% (130C)
<b>TMT<sup>10</sup>-129N</b>	129.131471	0.0% (127N)	1.5% (128N)	<b>100%</b>	5.7% (130N)	0.1% (131)
<b>TMT<sup>10</sup>-129C</b>	129.137790	0.0% (127C)	2.6% (128C)	<b>100%</b>	4.8% (130C)	0.0%
<b>TMT<sup>10</sup>-130N</b>	130.134825	0.0% (128N)	2.2% (129N)	<b>100%</b>	4.6% (131)	0.0%
<b>TMT<sup>10</sup>-130C</b>	130.141145	0.0% (128C)	3.1% (129C)	<b>100%</b>	3.6%	0.0%
<b>TMT<sup>10</sup>-131</b>	131.138180	0.1% (129N)	2.9% (130N)	<b>100%</b>	3.8%	0.0%

**Reactivity:** Pass

**Stability:** See expiration date.

**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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