

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

**Lot Number:** PC199739

**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 3 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 are for informational use only and are not required isotope correction factors for Proteome Discoverer software TMT10plex quantitation method. 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:**

Mass Tag	Reporter Ion	-2	-1	Monoisotopic	+1	+2
TMT <sup>10</sup> -126	126.127726	0.0	0.0	100%	4.69 (127C)	0.0 (128N)
TMT <sup>10</sup> -127N	127.124761	0.0	0.4	100%	6.5 (128N)	0.0 (128C)
TMT <sup>10</sup> -127C	127.131081	0.0	0.2 (126)	100%	4.6 (128C)	0.3 (129N)
TMT <sup>10</sup> -128N	128.128116	0.0	0.9 (127N)	100%	4.7 (129N)	0.2 (129C)
TMT <sup>10</sup> -128C	128.134436	0.34 (126)	1.20 (127C)	100%	3.59 (129C)	0.0 (130N)
TMT <sup>10</sup> -129N	129.131471	0.0 (127N)	0.7 (128N)	100%	3.0 (130N)	0.0 (130C)
TMT <sup>10</sup> -129C	129.137790	0.0 (127C)	1.3 (128C)	100%	2.5 (130C)	0.0 (131)
TMT <sup>10</sup> -130N	130.134825	0.0 (128N)	1.2 (129N)	100%	2.8 (131)	2.7
TMT <sup>10</sup> -130C	130.141145	0.0 (128C)	1.5 (129C)	100%	2.0	0.0
TMT <sup>10</sup> -131	131.138180	0.0 (129N)	1.5 (130N)	100%	1.9	0.0

**Stability:** One year from date of product receipt.

**Storage:** Store at -20°C.

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