PRODUCT DATA SHEET

TMTsixplex™ Label Reagent Set, 6 Samples

Product Number: 90061   **Lot Number:** SJ255604A

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
TMT[6]-126	126	126.127726	0.0%	0.0%	100%	6.8%	0.5%
TMT[6]-127	127N	127.124761	0.0%	0.5%	100%	7.1%	0.2%
TMT[6]-128	128C	128.134436	0.0%	1.5%	100%	5.0%	0.0%
TMT[6]-129	129N	129.131471	0.0%	4.5%	100%	4.8%	0.0%
TMT[6]-130	130C	130.141145	0.5%	3.0%	100%	3.1%	0.0%
TMT[6]-131	131	131.138180	0.0%	3.5%	100%	3.1%	0.0%

Stability: One year from date of product receipt.

Storage: Store at -20°C.