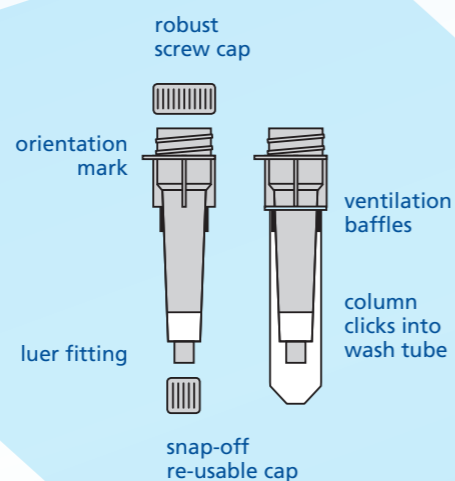


TurboTag technology

precision protein
labeling kits

10 min.
protocol

TurboTag
labeling kits
include the unique
emp MINI Columns
for efficient and
easy purification



The
fastest
and easiest
precision labeling
kits



excellence
made possible

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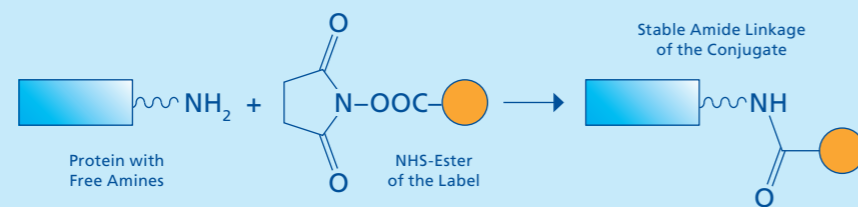
09. 2021

emp BIOTECH is an ISO 9001:2015 certified company
Registration number 011001300789 (TÜV Rheinland)

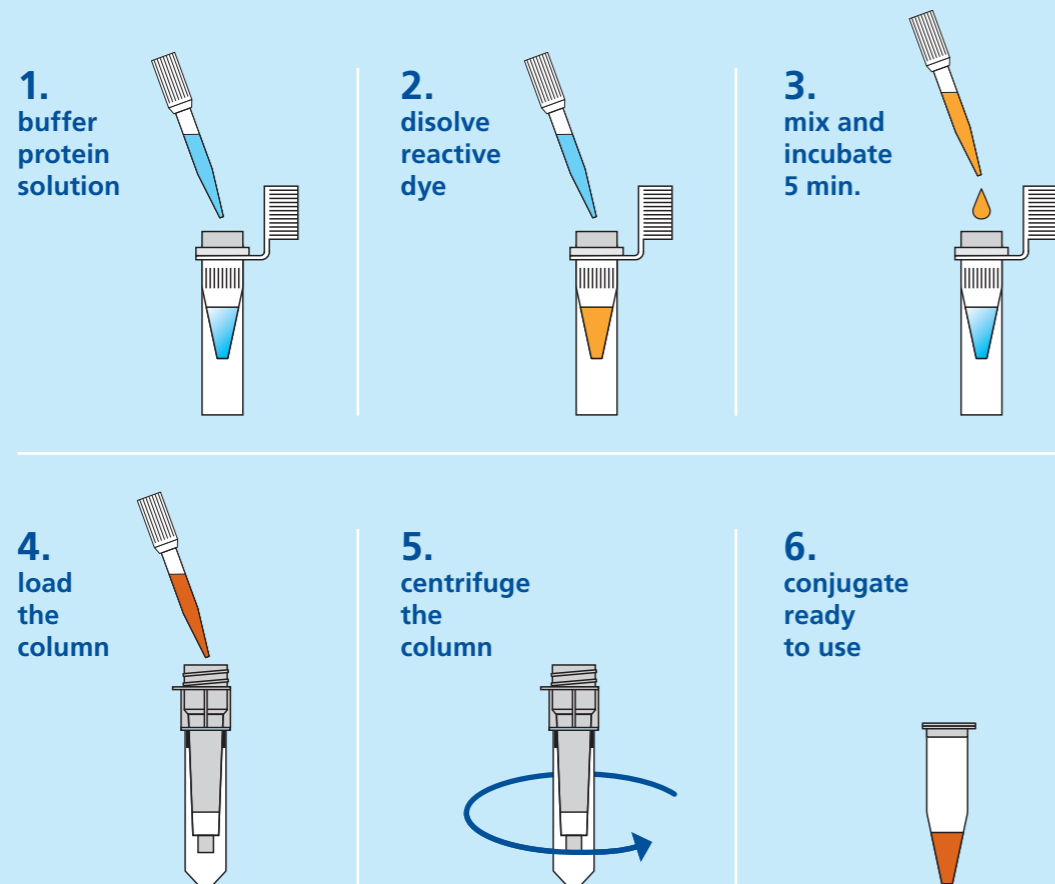
TurboTag labeling kits

- QUICK:** Pure, labeled protein in just 10 minutes
- EASY:** Simply mix, incubate, and purify
- PRECISE:** Choose and control the degree of labeling of your protein
- CONVENIENT:** Includes ready-to-use CentriPure MINI columns

chemistry



typical workflow



Delivers precision labeling and rapid purification of antibodies, enzymes and other proteins. For controlled labeling and purification of proteins having a molecular weight greater than 25 kDa.

- 3 labeling reactions per kit
- Label up to 15 nmol of protein per reaction using covalent NHS-ester chemistry
- Optimized IgG labeling protocols for 100 µg and 1 mg

Fluorescent Dye Data						
Fluorophore	Excitation (λ _{max} in nm)	Emission (λ _{max} in nm)	as an alternative to	Product Code		
MANT	331	426	AlexaFluor™ 350	MK-F0108		
DY-405	405	423		MK-D0113		
DY-415	418	467		MK-D0114		
DY-485XL	485	560		MK-D0143		
DY-490	491	515	AlexaFluor™ 488	MK-D0125		
DY-495	497	523		MK-D0109		
Fluorescein (FAM)	498	522		MK-F0101 MK-F0103*		
DY-481XL	515	650		MK-D0103		
DY-521XL	523	668		MK-D0126		
DY-530	539	561		MK-D0127		
DY-555	547	572	AlexaFluor™ 546	MK-D0128		
DY-554	551	572	CY3™, AlexaFluor™ 555	MK-D0101 MK-T0102		
Tetramethylrhodamine (TAMRA)	557	574		MK-D0111		
DY-550	558	578		MK-D0112		
DY-547P1	559	575		MK-D0116		
DY-549P1	560	575		MK-D0102		
DY-590	580	599	AlexaFluor™ 568	MK-R0103		
X-Rhodamine (ROX)	587	599		MK-D0129		
DY-594	594	615	AlexaFluor™ 594	coming soon		
Texas Red	595	615		MK-D0107		
DY-634	635	658		MK-D0104		
DY-633	637	657		MK-F0102		
Semper Red 647	647	665		MK-D0110		
DY-647P1	652	663	CY5™, AlexaFluor™ 647	MK-D0115		
DY-648P1	653	672		MK-D0117		
DY-649P1	654	672		MK-D0118		
DY-652	654	675		MK-D0105		
DYQ-661	662	n/a**		MK-E0150		
Methylene Blue (MCMB)	667	696		MK-D0119		
DY-677	673	694		MK-D0106		
DY-675	680	699	CY5.5™, AlexaFluor™ 680	MK-D0108		
DY-682	692	709		MK-D0120		
DY-701	706	731		MK-D0130		
DY-700	707	730		MK-D0121		
DY-734	736	759		MK-D0132		
DY-750	747	776		MK-D0123		
DY-752	748	772	CY7™	MK-D0122		
DY-749P1	759	780		MK-D0124		
DY-777	770	788				

* FITC ester
** Quencher. No stoke shift.