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Product Datasheet

NifH | Positive control/quantitation standard AGR-AS01-021S

Artikelname	NifH Positive control/quantitation standard
Artikelnummer	AGR-AS01-021S
Hersteller Artikelnummer	AS01-021S
Alternativnummer	AGR-AS01-021S
Hersteller	Agrisera
Kategorie	Sonstiges
Applikation	WB
Molekulargewicht	34 kDa (larger than a native protein due to the addition of His-tag)
Formulierung	Lyophilized
Application Verdünnung	Standard curve: 3 loads are recommended (0.5, 2 and 4 µl). For most applications a sample load of 0.2 µg of chlorophyll will give a NifH signal in this range. Positive control: a 2 µl load per well is optimal for most chemiluminescent detection systems. Thi

Anwendungsbeschreibung	Concentration: after adding 90 µl of milliQ water final concentration of this standard is 0.15 pmoles/ul and this reagent is ready to use and load on a gel. Protein standard buffer composition: Glycerol 10%, Tris Base 141 mM, Tris HCl 106 mM, LDS 2%, EDTA 0.51 mM, SERVA Blue G250 0.22 mM, Phenol Red 0.175 mM, pH 8.5, 0.1mg/ml PefaBloc protease inhibitor (Roche), 50mM DTT. This standard is ready-to-load and does not require any additions or heating. It needs to be fully thawed and thoroughly mixed prior to using. Avoid vigorous vortexing, as buffers contain detergent. Following mixing, briefly pulse in a microcentrifuge to collect material from cap. This standard is stabilized and ready and does not require heating before loading on the gel. Please note that this product contains 10% glycerol and might appear as liquid but is provided lyophilized. Allow the product several minutes to solubilize after adding water. Mix thoroughly but gently Take extra care to mix thoroughly before each use, as the proteins tend to settle with the more dense layer after freezing.
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