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Product Datasheet

Double-stranded RNA (dsRNA) ELISA kit (K1 based), Clone: [K1/K2], Mouse NMB-10623005

Artikelname	Double-stranded RNA (dsRNA) ELISA kit (K1 based), Clone: [K1/K2], Mouse
Artikelnummer	NMB-10623005
Hersteller Artikelnummer	10623005
Alternativnummer	NMB-10623005
Hersteller	NordicMubio
Wirt	Mouse
Kategorie	Kits/Assays
Applikation	ELISA
Produktbeschreibung	Based on the use of two double-stranded RNA (dsRNA)-specific monoclonal antibodies the dsRNA Detection Kit allows sensitive and selective detection of dsRNA molecules (larger than 30-40 bp), independent of their nucleotide composition and sequence. T...
Klonalität	Monoclonal
Klon-Bezeichnung	[K1/K2]
Isotyp	IgG2a kappa/IgM kappa
Puffer	Double-stranded RNA (dsRNA) ELISA kit containing the following reagents for 500 tests (5x96 wells): 1 vial of coating antibody (store at -20 C) 1 vial of Poly(I:C) dsRNA as positive control (store at -20 C) 1 vial of dsRNA-specific detecting antibody (

Quelle	The two dsRNA antibodies used in this kit were produced as follows: Female DBA/2 mice were injected intraperitoneally with a mixture of 50 ug L-dsRNA and 75 ug methylated bovine serum albumin, emulsified in complete Freund's adjuvant. After several boosts
Anwendungsbeschreibung	We recommend using the kit to detect viral dsRNAs or large natural or synthetic dsRNAs of non-viral origin in nucleic acid extracts, as well as to detect the presence of undesired dsRNA molecules in artificially synthesized (m)RNA preparations. By using serial dilutions of the Poly(I:C) dsRNA standard (included in the kit) for calibration, quantitative estimates can also be made. For the exact detection protocol we refer to the kit manual that can be downloaded from our website. Caution: The Poly(I:C) dsRNA positive control included in this sandwich ELISA kit is not intended to be used as a quantitative standard for other dsRNA preparations. The anti dsRNA antibodies K1 and/or K2 used in this kit may exhibit a different degree of reactivity with different dsRNAs obtained from natural sources. It is therefore only intended to be used as a positive control to see if the ELISA has been executed correctly and that the test shows a linear relationship between the amount of dsRNA and the read out for the OD450.