

Certificate of Analysis

Article Name:	WID®-easy PCR Kit
Catalogue Number:	OE00083
Batch Code:	SOLA-0003
Disclaimer:	For research use only. Not for use in diagnostic procedures.
Expiry Date:	2024-10-31

This product has been subjected to quality control and was tested in completion according to the assigned methods. All required specifications are met and therefore, the product is released for use.

Test	Specification	Result
OE-018-03_Comparison of labeled end product	The correct label was used and attached properly.	yes
OE-018-03_Performance of Primer Mix A in Positive Control	Mean Ct-Values are in the range of 26.64 to 27.83. All individual ZSCAN12/COL2A1 quotients are in the range of 0.93 and 1.03.	in spec
OE-018-03_Performance of Primer Mix B in Positive Control	Mean GYPC Ct-Values are in the range of 24.10 to 25.60. Mean COL2A1 Ct-Values are in the range of 25.98 to 29.62. All individual GYPC/COL2A1 quotients are in the range of 0.85 and 0.94.	in spec
OE-018-03_Performance of Primer Mix A in Reference Sample 1 (15 copies)	Mean Ct-Values are in the range of 32.53 to 36.02. All individual ZSCAN12/GYPC quotients are in the range of 1.03 and 1.12.	in spec
OE-018-03_Performance of Primer Mix B Reference Sample 1 (15 copies)	Mean GYPC Ct-Values are in the range of 30.29 to 33.49.	in spec
OE-018-03_Absence of template in Primer Mix A_NTC	No Ct-Values below 43 are detected.	in spec
OE-018-03_Absence of template in Primer Mix B_NTC	No Ct-Values below 43 are detected.	in spec
OE-018-03_Performance of Primer Mix A in Standard 1	Mean Ct-Values are in the range of 21.29 to 22.37. All individual ZSCAN12/COL2A1 quotients are in the range 0.94 and 1.03.	in spec

OE-018-03_Performance of Primer Mix B in Standard 1	<p>Mean GYPC Ct-Values are in the range of 18.85 to 20.35.</p> <p>Mean COL2A1 Ct-Values are in the range of 21.04 to 23.42.</p> <p>All individual GYPC/COL2A1 quotients are in the range of 0.85 and 0.92.</p>	in spec
OE-018-03_Performance of Primer Mix A in Standard 2	<p>Mean Ct-Values are in the range of 24.62 to 25.62.</p> <p>All individual ZSCAN12/COL2A1 quotients are in the range 0.95 and 1.02.</p>	in spec
OE-018-03_Performance of Primer Mix B in Standard 2	<p>Mean GYPC Ct-Values are in the range of 21.94 to 23.44.</p> <p>Mean COL2A1 Ct-Values are in the range of 24.44 to 26.53.</p> <p>All individual GYPC/COL2A1 quotients are in the range of 0.86 and 0.92.</p>	in spec
OE-018-03_Performance of Primer Mix A in Standard 3	<p>Mean Ct-Values are in the range of 27.91 to 28.96.</p> <p>All individual ZSCAN12/COL2A1 quotients are in the range 0.95 and 1.03.</p>	in spec
OE-018-03_Performance of Primer Mix B in Standard 3	<p>Mean GYPC Ct-Values are in the range 25.21 to 26.71.</p> <p>Mean COL2A1 Ct-Values are in the range of 27.46 to 30.20.</p> <p>All individual GYPC/COL2A1 quotients are in the range of 0.87 and 0.93.</p>	in spec
OE-018-03_Performance of Primer Mix A in Standard 4	<p>Mean Ct-Values are in the range of to 31.16 to 32.51.</p> <p>All individual ZSCAN12/COL2A1 quotients are in the range 0.93 and 1.05.</p>	in spec
OE-018-03_Performance of Primer Mix B in Standard 4	<p>Mean GYPC Ct-Values are in the range of 28.38 to 30.22.</p> <p>Mean COL2A1 Ct-Values are in the range of 30.22 to 34.02.</p> <p>All individual GYPC/COL2A1 quotients are in the range of 0.88 and 0.95.</p>	in spec

DETERMINATION OF RELEASE: PASS



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Storage: This product shall be stored protected from light between -25°C and -15°C.

Release Date: 2024-04-23

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Geschäftsführer	Geschäftsführer
