



Food Safety

3M Center

St. Paul, MN 55144-1000

www.3M.com/foodsafety

Certificate of Analysis

Product Identification

3M Catalog Number	E96MLK
Product Description	3M™ Bovine Total Milk Protein ELISA Kit - 96 Wells per Kit, 1 Kit per Case
3M Stock Number	70-2011-7577-8
3M Kit Lot Number	47
Kit Expiration Date	May 6, 2021

Product Testing

Repeatability Characteristics

Passing Criteria: Standard curve must have CV's of less than 10%.

Test Description	Sampling Size	Average Percent CV Reported	Average CV Less Than 10%
Intra-Assay CV	N=12	2.266	Pass
Inter-Assay CV	N=12	3.332	Pass

Performance Characteristics of Control Samples

Passing Criteria: All calculated control values are within 25% of the expected values.

Sample	Percentage Reported	Within 25% of Established Values
Control #1	94.23	Pass
Control #2	116.09	Pass

Sample Standard Curve and Calculations

Do not use for results calculations. A standard curve (4-parameter logistic regression) should be generated each time the test is performed.

Passing criteria: Percent recovery must be within 10% of Expected concentration and background OD average must be less than 0.1 for the ELISA Kit to PASS its final QC.


Standard Number	Concentration (ng/ml)	OD450 Absorbance	Calculated Concentration (ng/ml)	% Recovery	Pass
0	0	0.047	(-)		Yes
1	10	0.221	10.034	100.34	Yes
2	30	0.535	29.880	99.60	Yes
3	90	1.082	90.277	100.31	Yes
4	270	1.818	269.930	99.97	Yes
5	810	2.557	815.383	100.66	Yes

Prepared By:

Signed:

Name:

Date:


Patrick McMonagle QA/QC Representative
5/21/2020