

Certificate of analysis

Product Name/Description: TRACP & ALP Assay Kit
Cat. #: MK301
Lot #: Specified on product label
Storage Conditions: 4 degrees C
Expiration Date: Specified on product label or package

Package Size: 500 Assays

Package Contents:	1. pNPP substrate	24 mg	x 5
	2. Extraction solution	11 ml	x 2
	3. Sodium tartrate solution	4 ml	
	4. Buffer for ACP	30 ml	
	5. Buffer for ALP	30 ml	
	6. Microplate	96 well	

Quality Control Data:

Biochemical activity tests:
 Test items Specifications Results

1) A 405 of ACP at 0.045 U/ml >1.500 Passed

2) A 405 of TRACP at 0.045 U/ml >1.500 Passed

3) A 405 of CIAP at 50 mU/ml >1.500 Passed

Method:

A sample kit was tested according to the standard protocol in the user manual to ensure the quality and performance of each lot of TRACP & ALP Assay Kit.

Two wells of a 96-well plate were used for one reaction per enzyme. 50 µl of enzyme and 50 µl of the substrate solution were mixed per well and reacted for 30 minutes at 37°C. After adding 50 µl of stop solution, absorbance at 405 nm (A405) was immediately measured using a plate reader.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:
www.takara-bio.co.jp (Japanese)
www.takarabio.com (English)

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