

## ABTS One Component Microwell Substrate, Solution

Cat. No.	Format	Size
0404-01	Solution	100 mL
0404-01L	Solution	1 L

### Overview

<b>Technical Name</b>	2,2'-Azino-bis(3-ethylbenzthiazoline-6-sulfonic acid)
<b>Reaction Product</b>	Produces a soluble, blue-green end product upon reaction with horseradish peroxidase (HRP) that is measurable between 405 nm and 410 nm

### Applications

ELISA <sup>1-6</sup>

### Product Use

- Ready to use formulation; dilution of the substrate is not recommended
- Reaction may be stopped with 1% sodium dodecyl sulfate (SDS)

### Handling and Storage

- Recommended storage is at 2-8°C.
- Protect from light. Reagent is stable for the period shown on the label if stored as directed.

### References

1. Huggins J, Pellegrin T, Felgar RE, Wei C, Brown M, Zheng B, et al. CpG DNA activation and plasma-cell differentiation of CD27<sup>+</sup> naive human B cells. Blood. 2007;109:1611-9. (ELISA)
2. Xiang Y, Garrard WT. The downstream transcriptional enhancer, Ed, positively regulates mouse Ig  $\kappa$  gene expression and somatic hypermutation. J Immunol. 2008;180:6725-32. (ELISA)
3. Henn AD, Rebhahn J, Brown MA, Murphy AJ, Coca MN, Hyrien O, et al. Modulation of single-cell IgG secretion frequency and rates in human memory B cells by CpG DNA, CD40L, IL-21, and cell division. J Immunol. 2009;183:3177-87. (ELISA)
4. Henn AD, Laski M, Yang H, Welle S, Qiu X, Miao H, et al. Functionally distinct subpopulations of CpG-activated memory B cells. Sci Rep. 2012;2:345. (ELISA)
5. Kollipara A, Polkinghorne A, Beagley KW, Timms P. Vaccination of koalas with a recombinant Chlamydia pecorum major outer membrane protein induces antibodies of different specificity compared to those following a natural live infection. PLoS One. 2013;8(9):e74808. (ELISA)
6. Wang Z, Louras NJ, Lellouch AG, Pratts SG, Zhang H, Wang H, et al. Dosing optimization of CCR4 immunotoxin for improved depletion of CCR4<sup>+</sup> Treg in nonhuman primates. Mol Oncol. 2018;12:1374-82. (ELISA)

***For Research Use Only. Not for Diagnostic or Therapeutic Use.***

TB0404  
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