

alamarBlue® protocol: Method to determine LD50 using alamarBlue

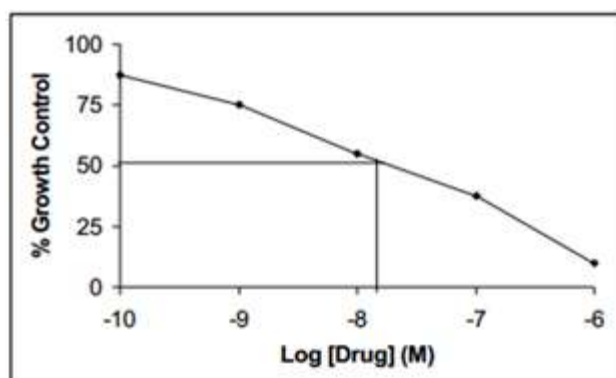
alamarBlue can be used to determine the median lethal dose LD50 value and similar assays testing the effects of a toxin, radiation, or pathogen against cell cultures.

$$A_{LW} - (A_{HW} \times R_{O}) \text{ for test well}$$

$$\text{Percentage difference in reduction (equation 5)} = \frac{A_{LW} - (A_{HW} \times R_{O}) \text{ for test well}}{A_{LW} - (A_{HW} \times R_{O}) \text{ for control well}} \times 100$$

Use semi-log graph paper to plot the percent of untreated control (using equation 5) for each dilution of a given test agent on the y-axis vs. the concentration of the test agent on the x-axis.

To determine the LD50 endpoint from the graph, read from where the 50 percent point intercepts the Dose.



Response Curve to the concentration along the x-axis. This concentration is the LD50 value.

订购信息：原料来自专利持有生厂商，高品质产品，现货供应，质量保证，全球已有大量的忠实粉，欢迎来电咨询，021-54736159，QQ：2971634497。

产品名称	产品编号	规格	价格 (元)	货期
Alamar Blue 阿尔玛蓝细胞增殖及毒性检测试剂	MX3006-5ML	5ml (500T)	295	现货
Alamar Blue 阿尔玛蓝细胞增殖及毒性检测试剂	MX3006-10ML	10ml (1000T)	550	现货
Alamar Blue 阿尔玛蓝细胞增殖及毒性检测试剂	MX3006-50ML	50ml (5000T)	1925	现货

【产品的使用方法见说明书】。