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A Geno Technology, Inc. (USA) brand name

femtoELISA™-AP Substrate

(Cat. # 786-113)

INTRODUCTION

femtoELISA™-AP Substrate is a highly sensitive chromogen for immunoassays of alkaline phosphatase (AP) and is based on ρ-nitrophenyl phosphate (ρNPP). This single component substrate is ready to use and is stable for up to 2 years, if stored and used as recommended.

ITEM(S) SUPPLIED (Cat. # 786-113)

Description	Size
femto ELISA-AP Substrate	100ml

STORAGE

It is shipped at ambient temperature. Upon arrival, store at 4°C. The substrate is light sensitive and should be protected from direct sunlight or UV sources.

ADDITIONAL ITEM(S) REQUIRED

Stop Solution: 3N Sodium hydroxide

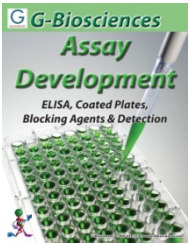
PROTOCOL

1. Allow the substrate solution to come to the room temperature before use.
2. Follow standard ELISA procedure: incubation, blocking, primary and secondary antibody and washing steps.
3. Add 100µl femtoELISA™-AP Substrate to each well.
4. Incubate at room temperature for 5-30 minutes. A soluble yellow color develops and the absorbance can be read at 405-410nm ranges. For best results, sample absorbance values should be monitored and read before absorbance values exceed 2.0 OD units.
5. For greater sensitivity, stop the reaction with 50µl Stop Solution.

Precipitation or a high background is indicative of a high concentration of alkaline phosphatase. DO NOT DILUTE the femtoELISA™-AP Substrate; reduce the amount of AP conjugate by diluting it further.

RELATED PRODUCTS

Download our Assay Development Handbook.



http://info.gbiosciences.com/complete-assay-development-handbook

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