

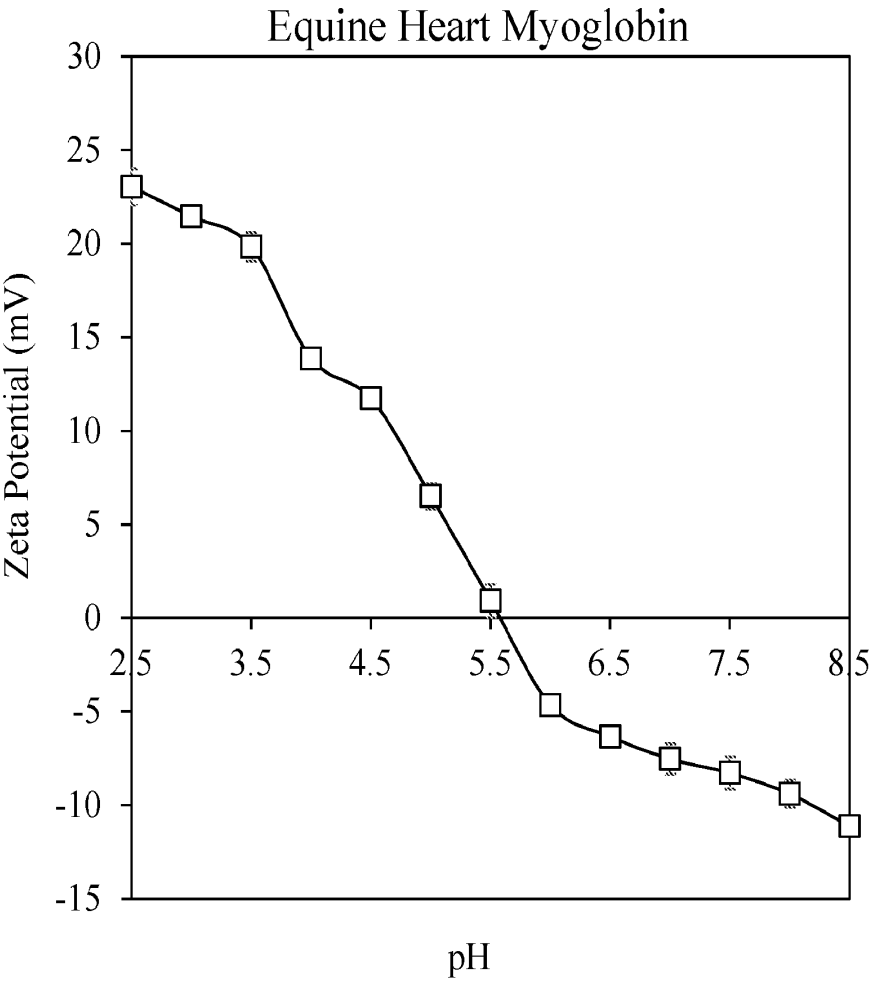


Fig. 1

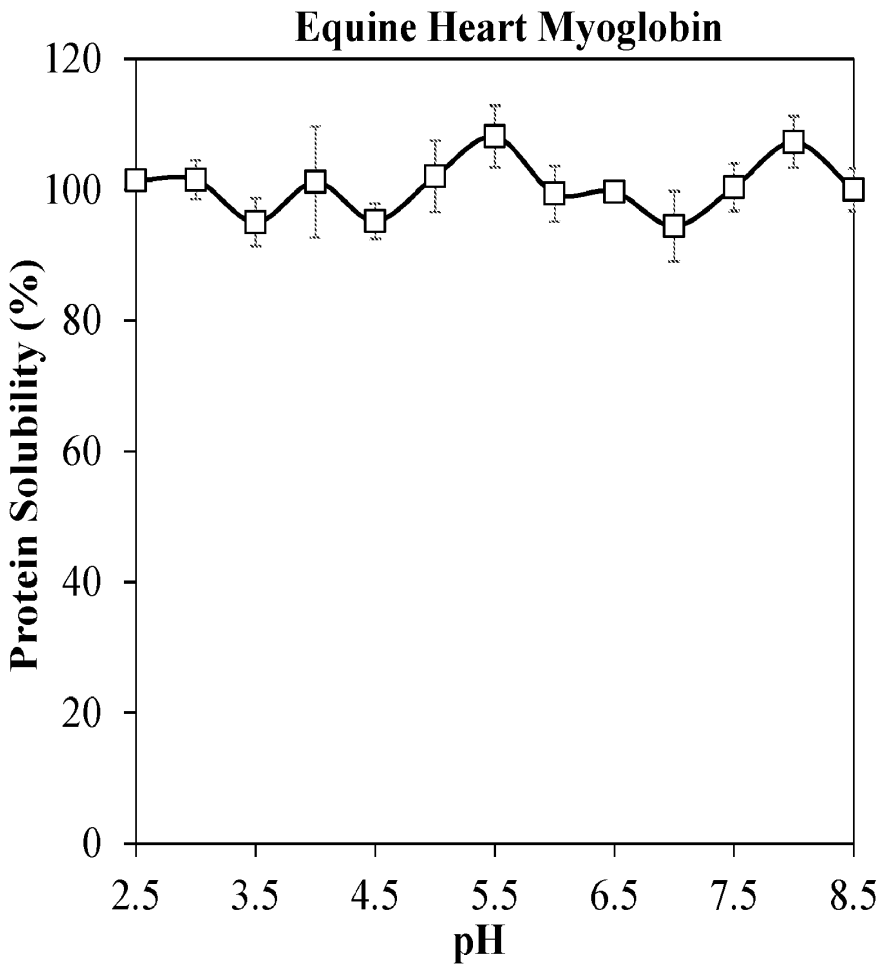


Fig. 2

Equine Heart Myoglobin (1mg/mL)

Day 0

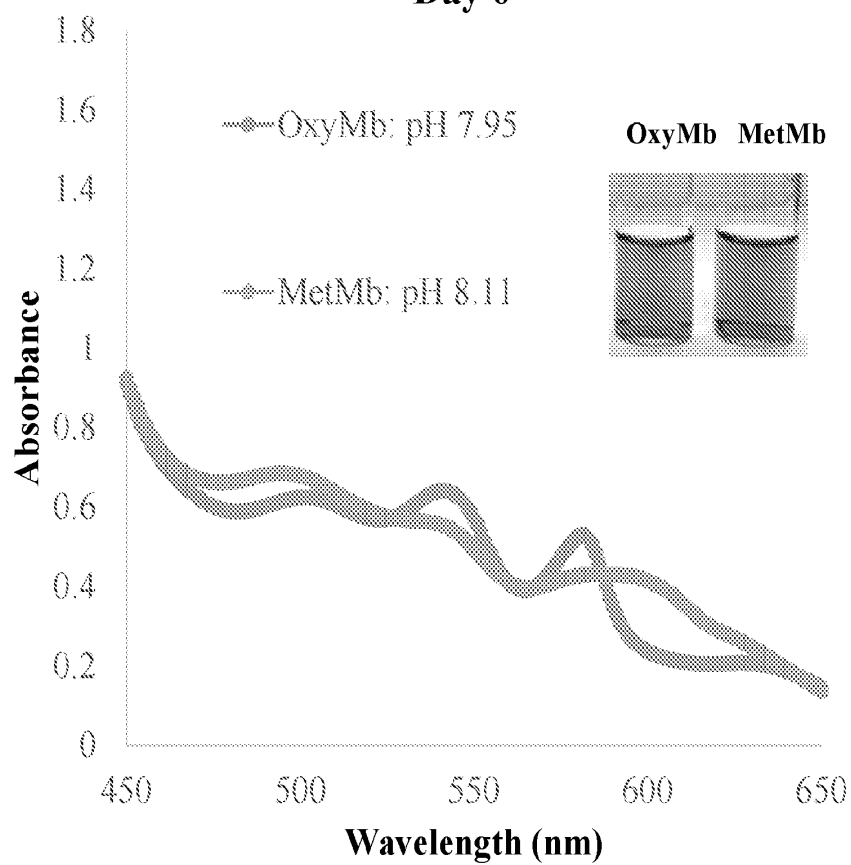


Fig. 3A

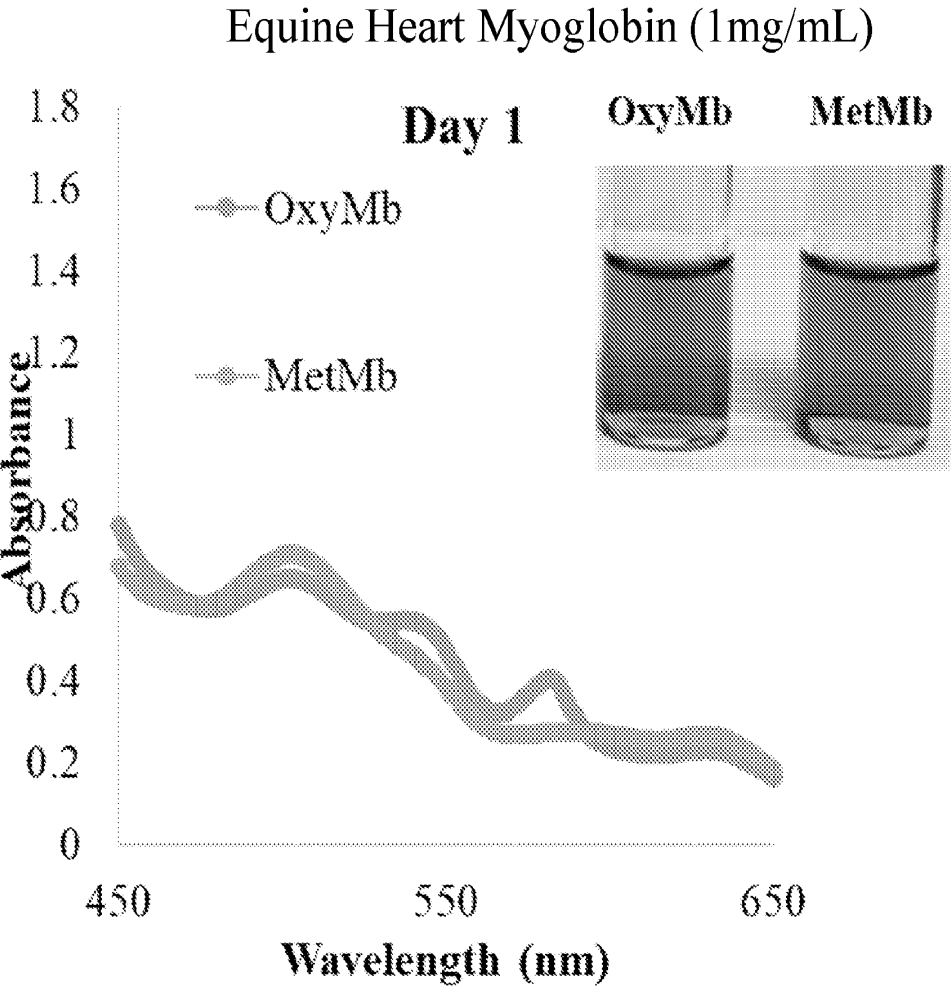
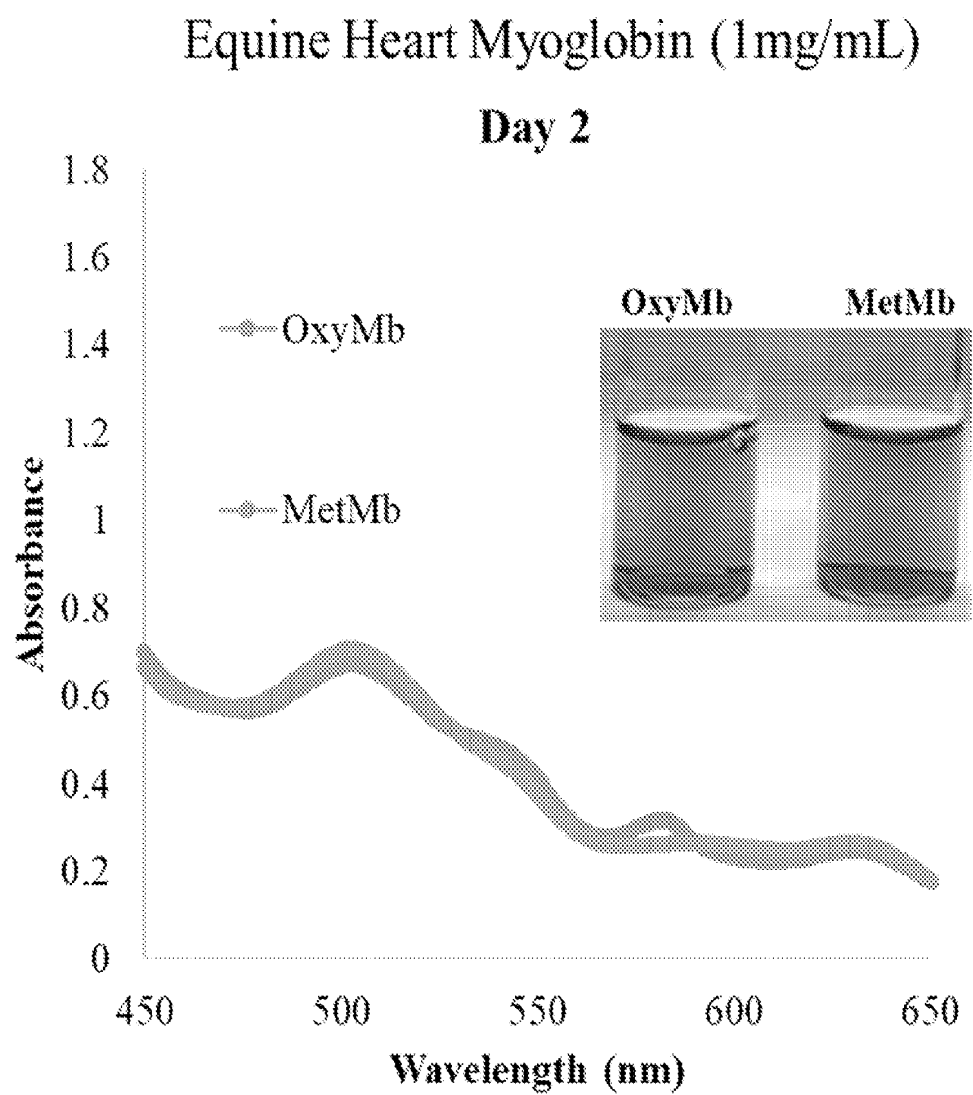
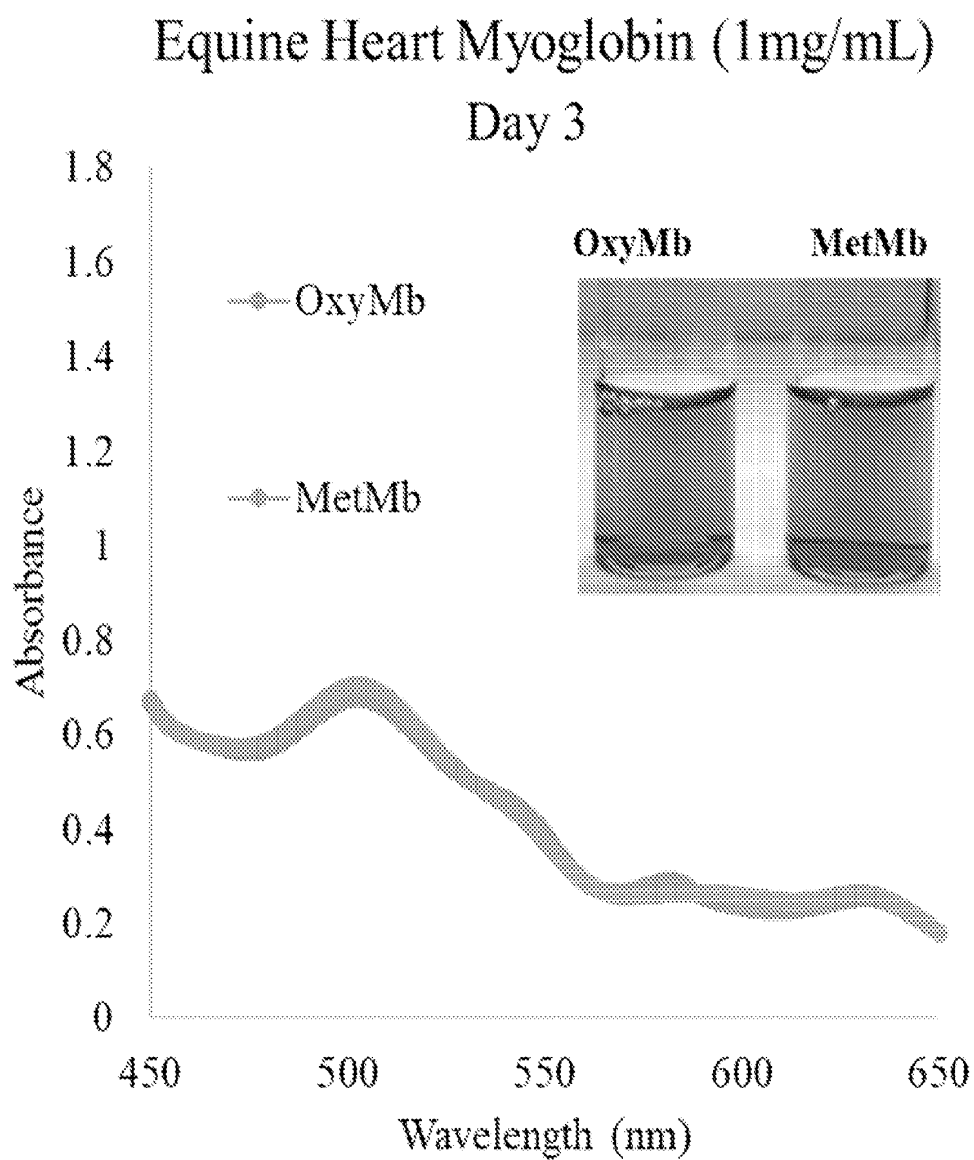
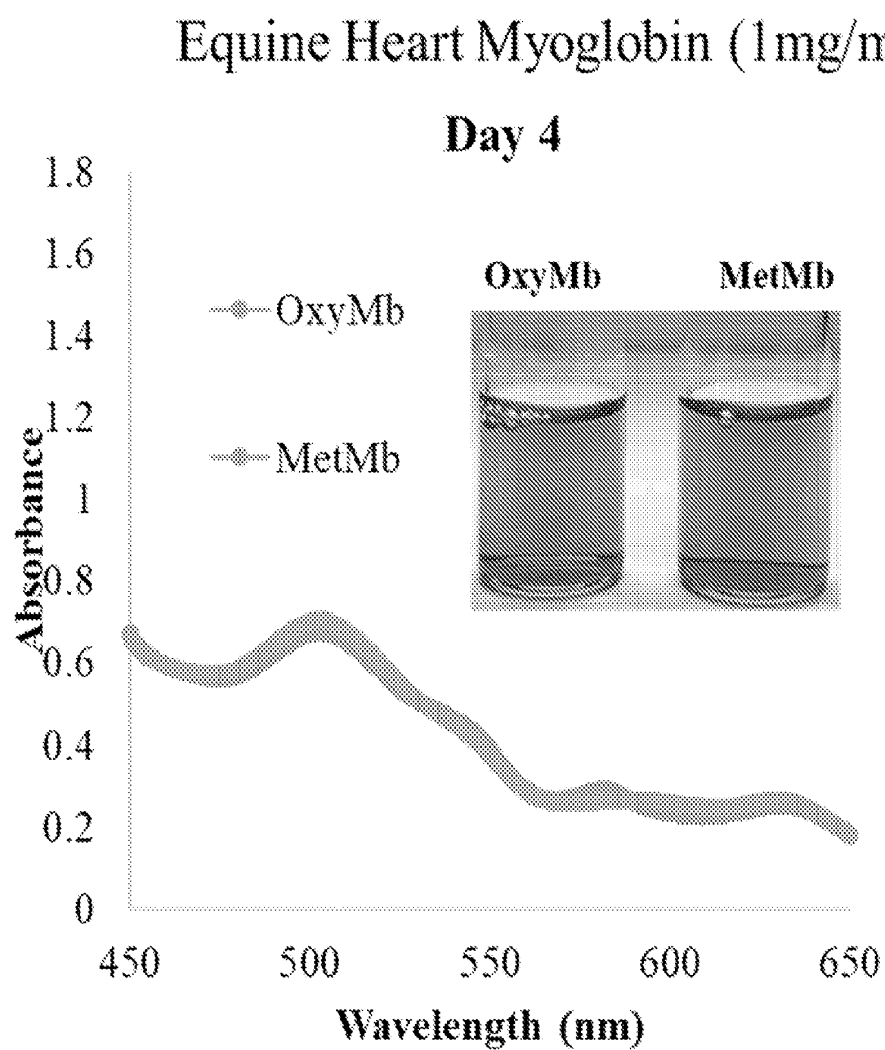
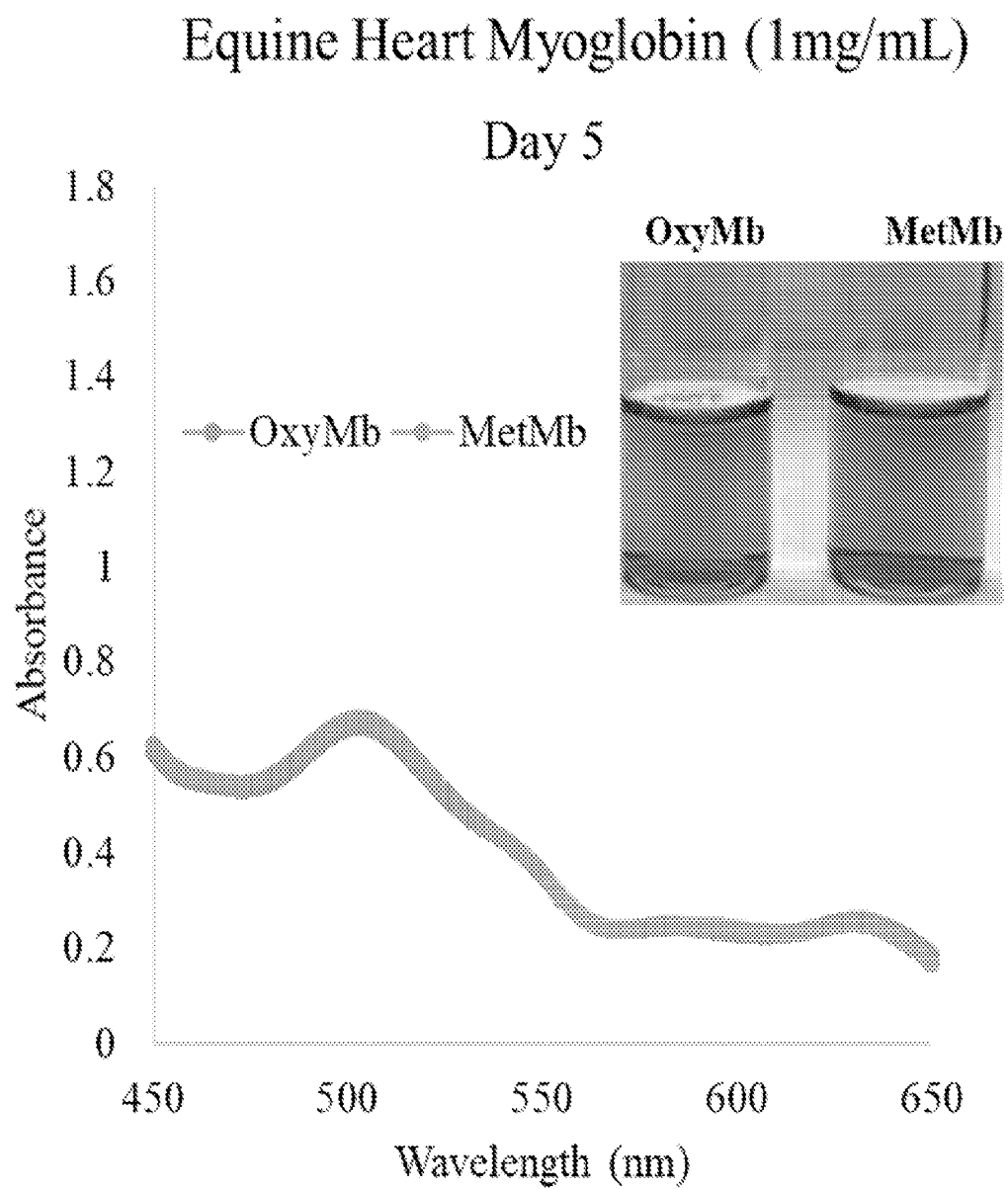


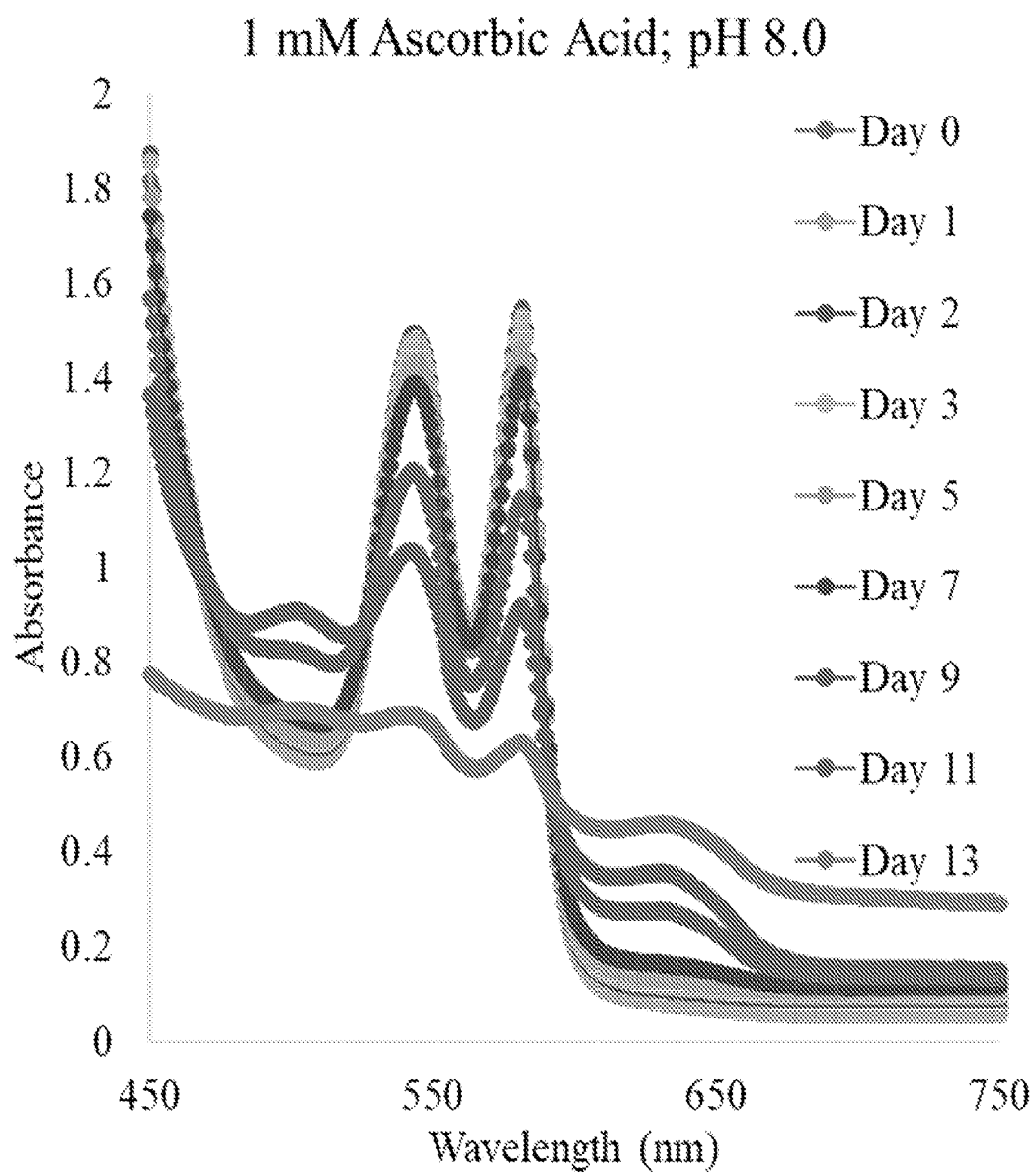
Fig. 3B

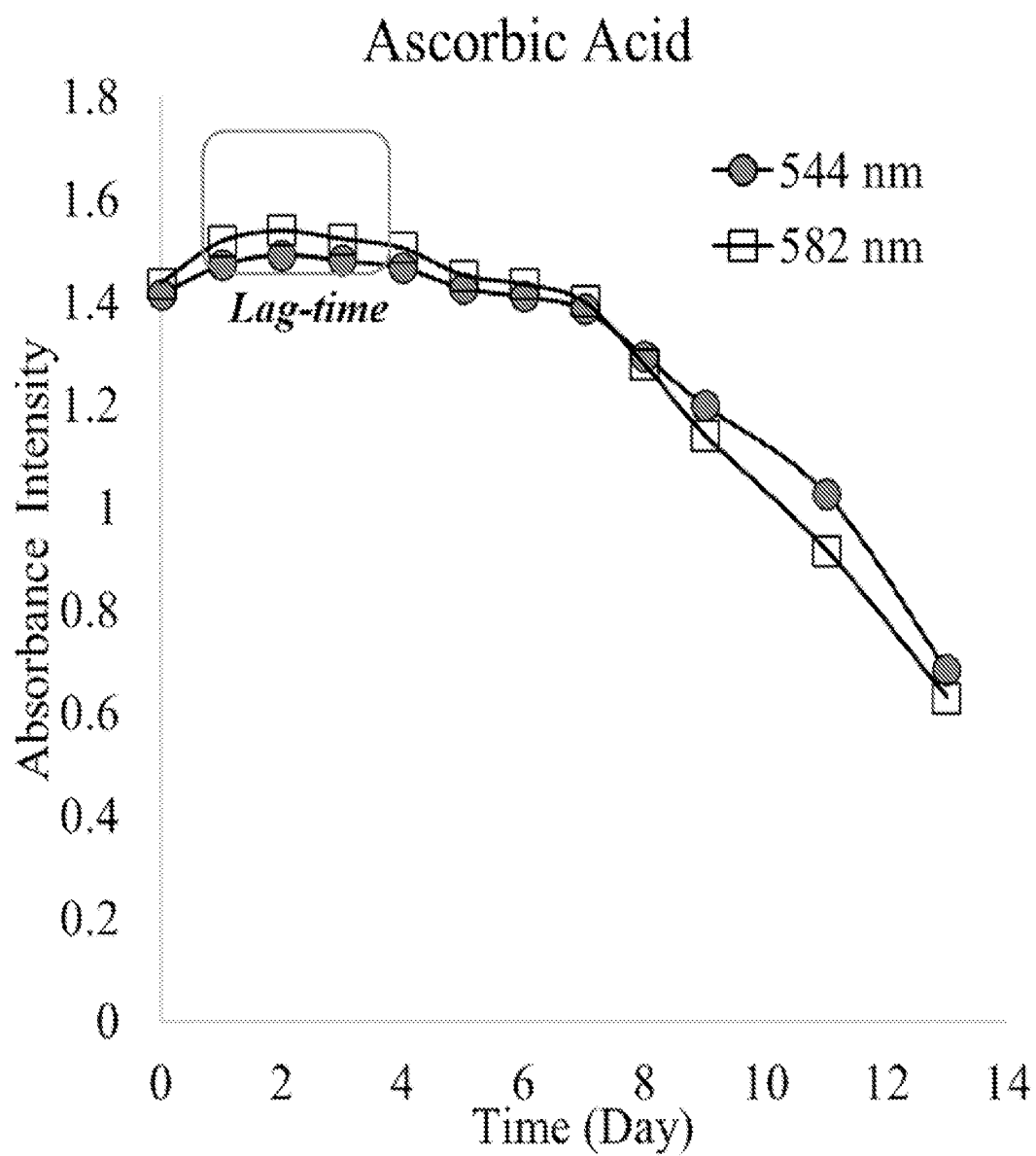
**Fig. 3C**

**Fig. 3D**

**Fig. 3E**

**Fig. 3F**

**Fig. 4A**

**Fig. 4B**

Ascorbic Acid

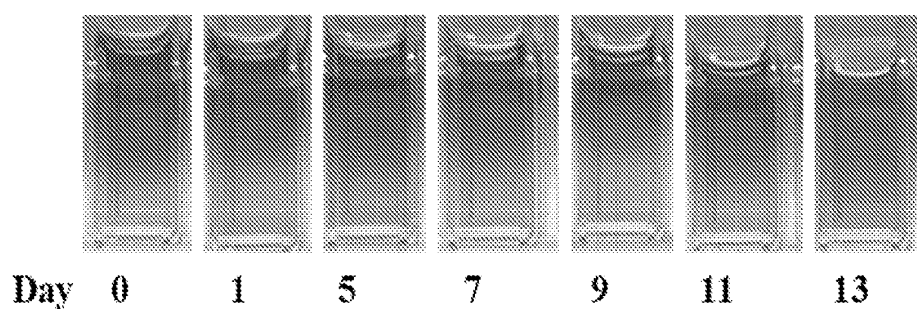


Fig. 4C

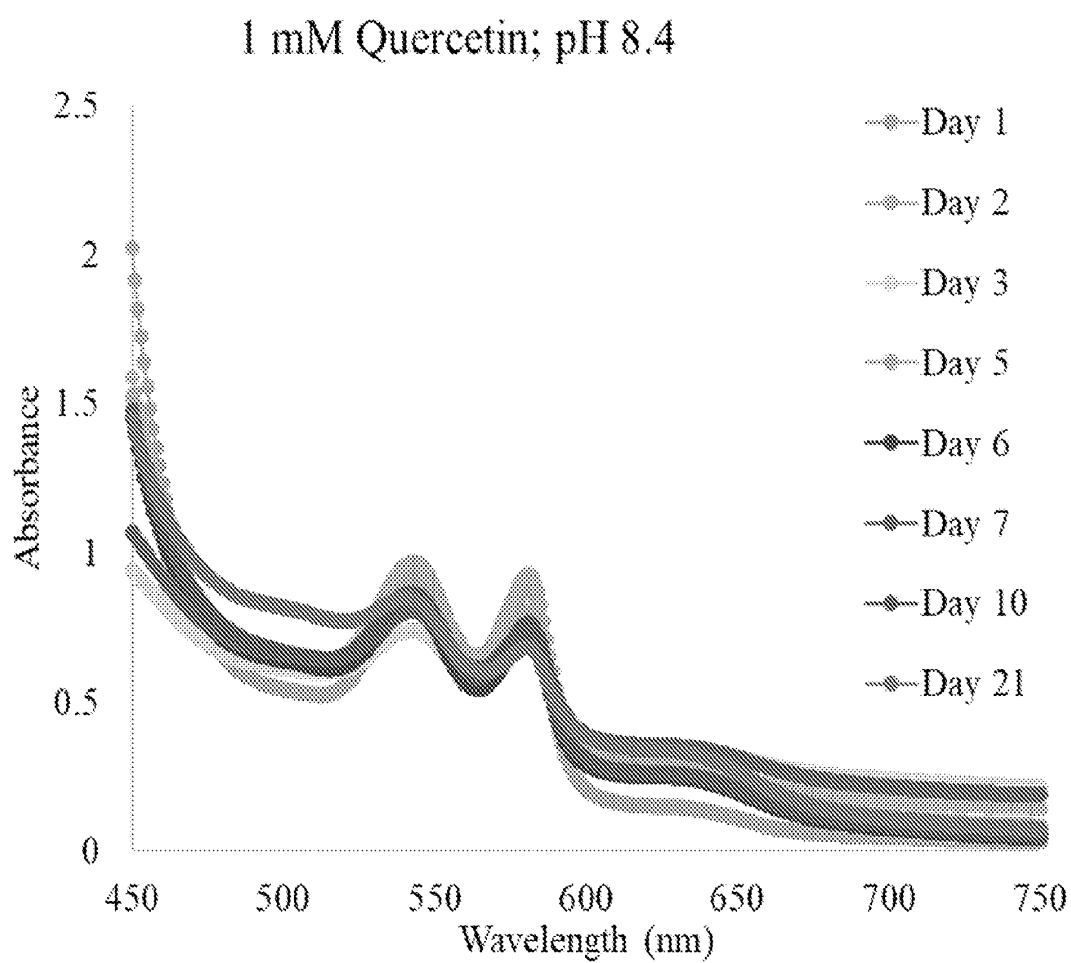
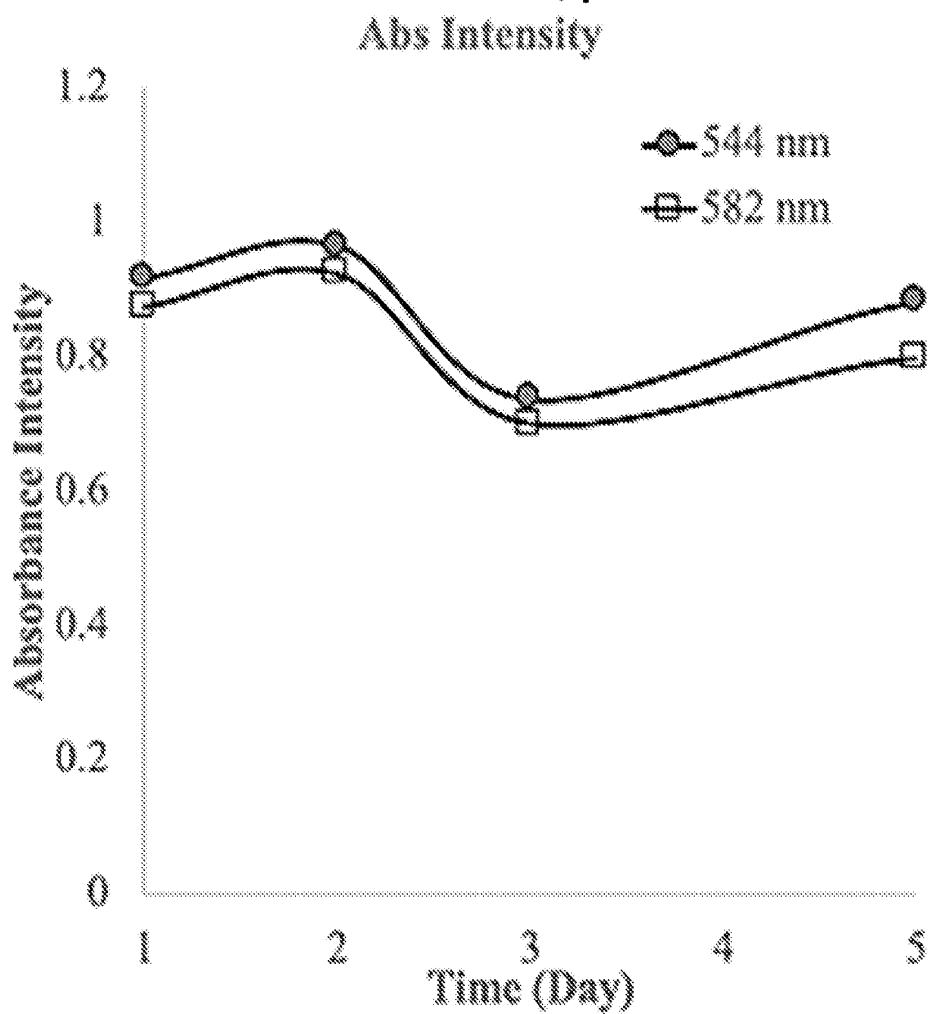
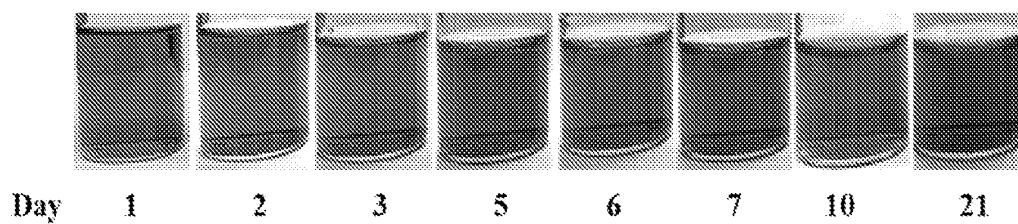
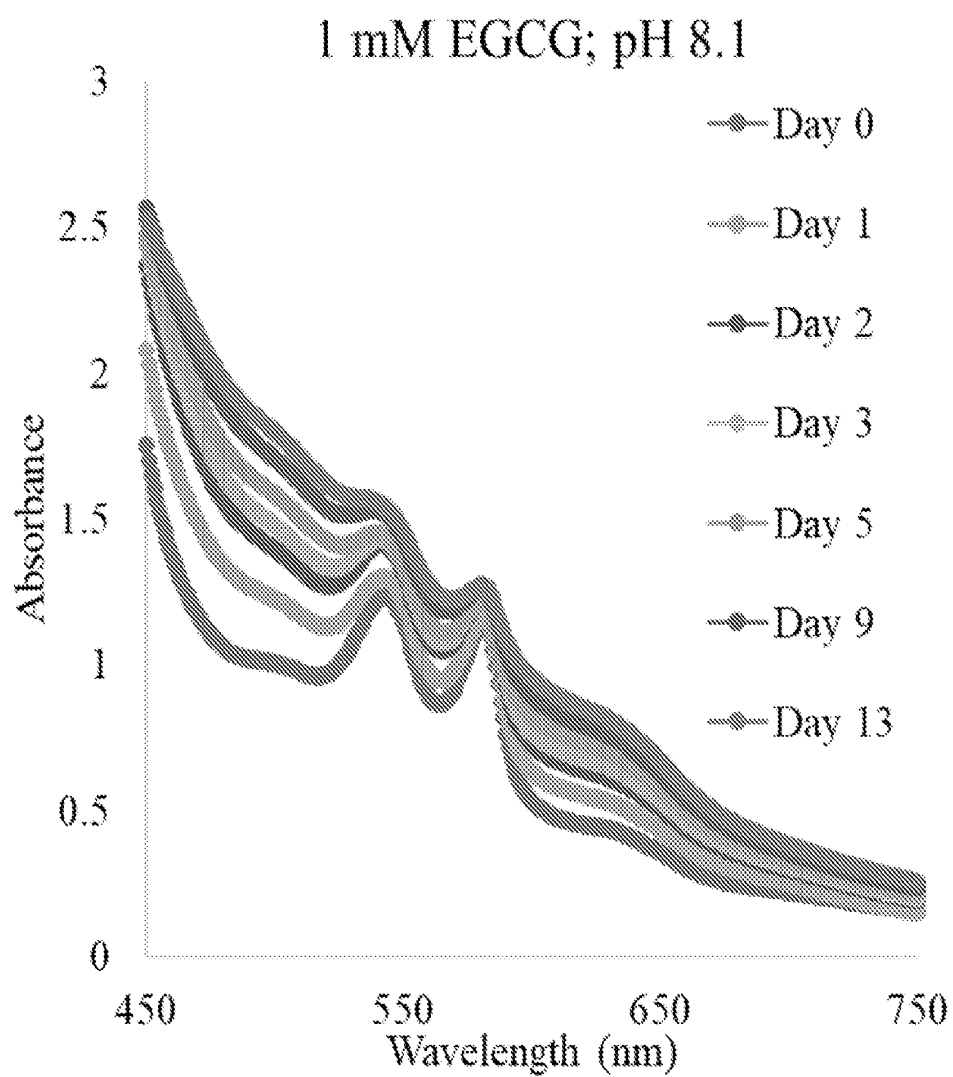
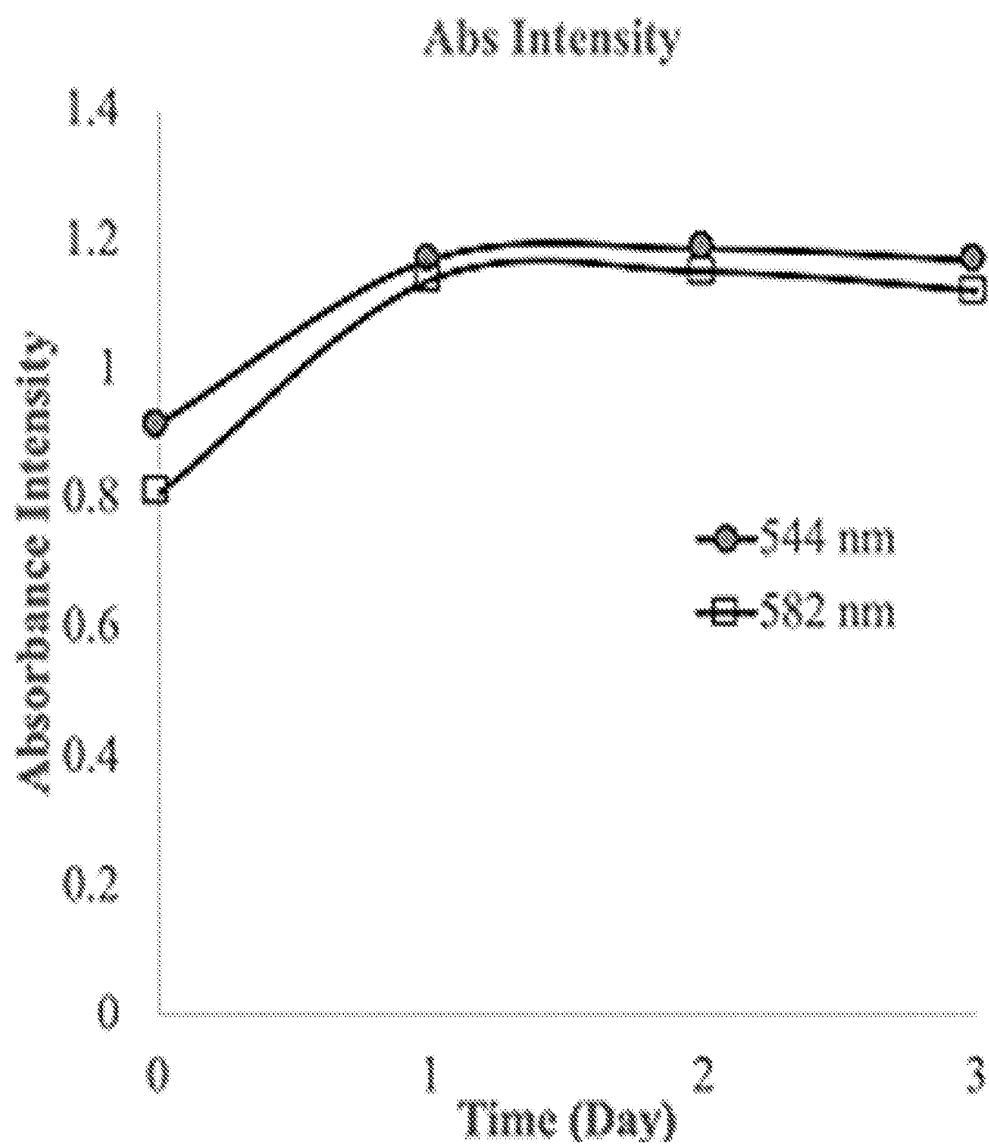


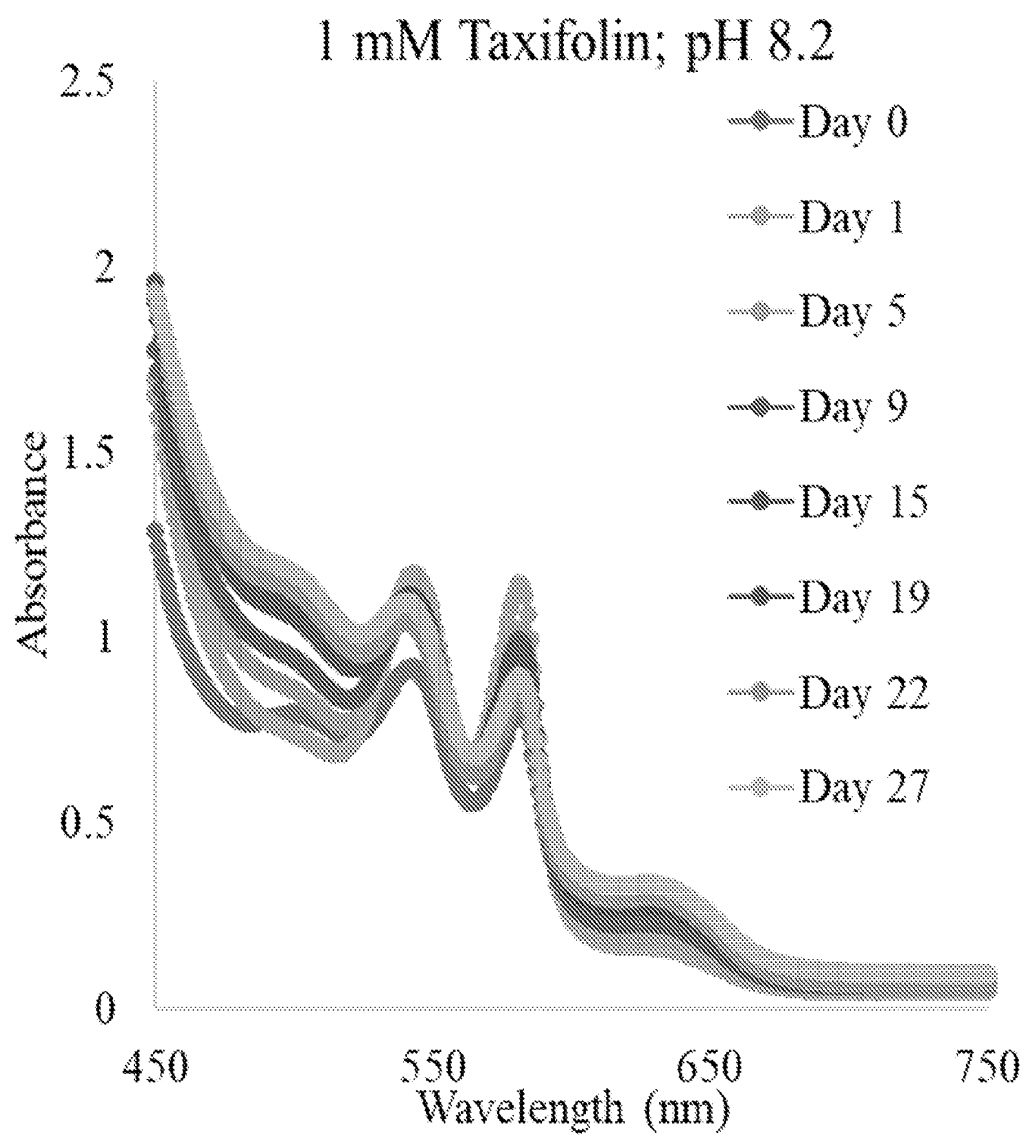
Fig. 4D

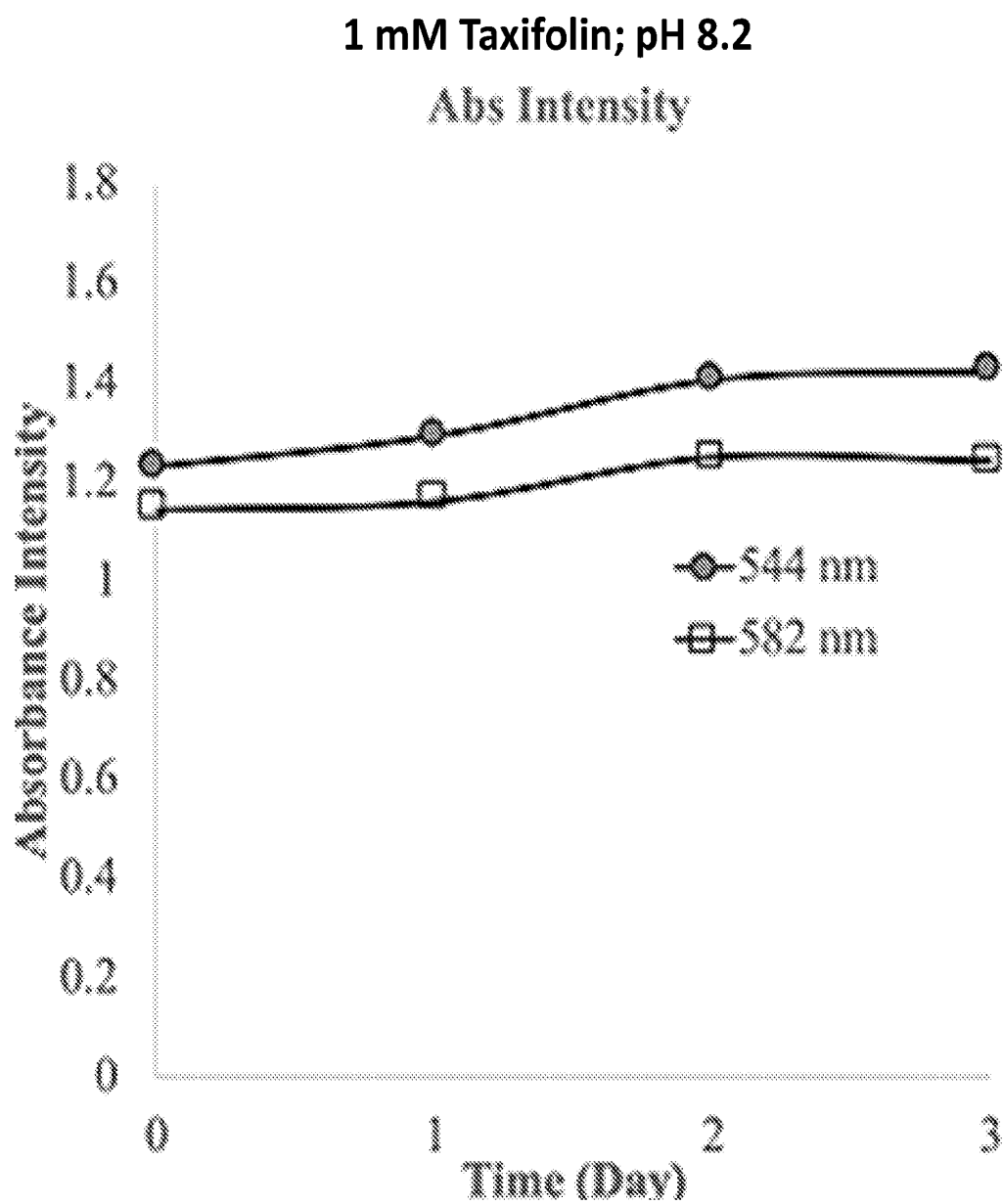
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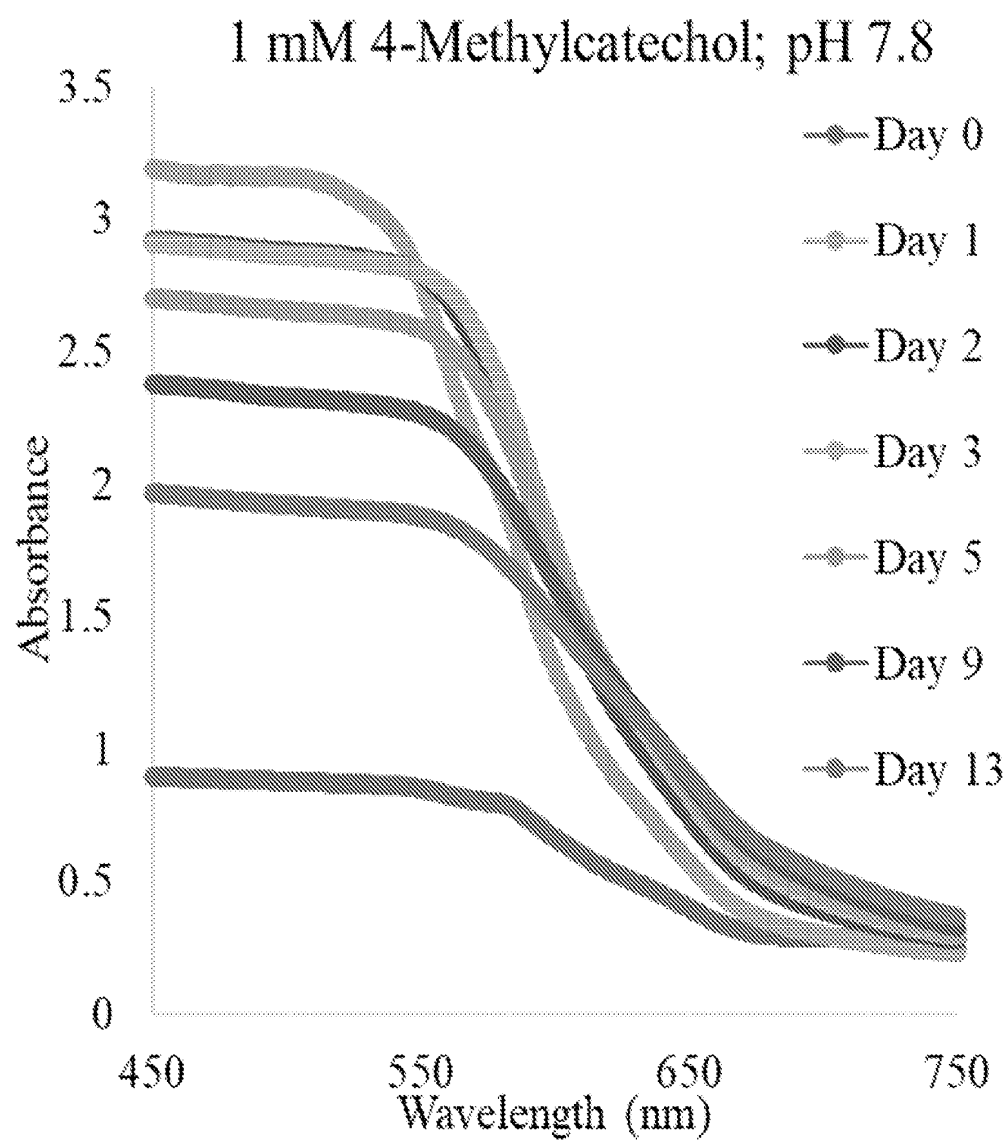
1 mM Quercetin; pH 8.4**Fig. 4E****1 mM Quercetin; pH 8.4****Fig. 4F**

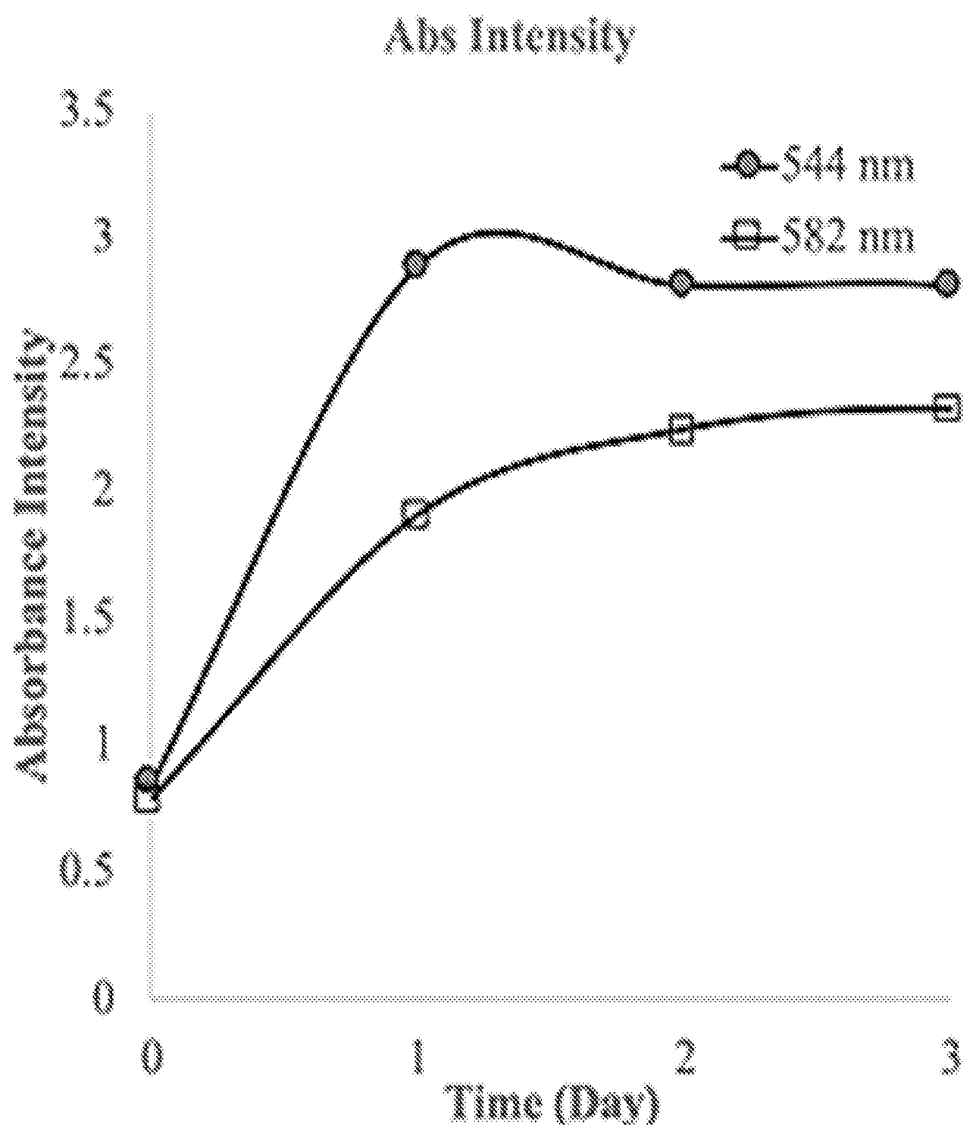
**Fig. 4G**

1 mM EGCG; pH 8.1**Fig. 4H**

**Fig. 4I**

**Fig. 4J**

**Fig. 4K**

1 mM 4-Methylcatechol; pH 7.8**Fig. 4L**

Equine Heart Myoglobin Solutions (1mM)

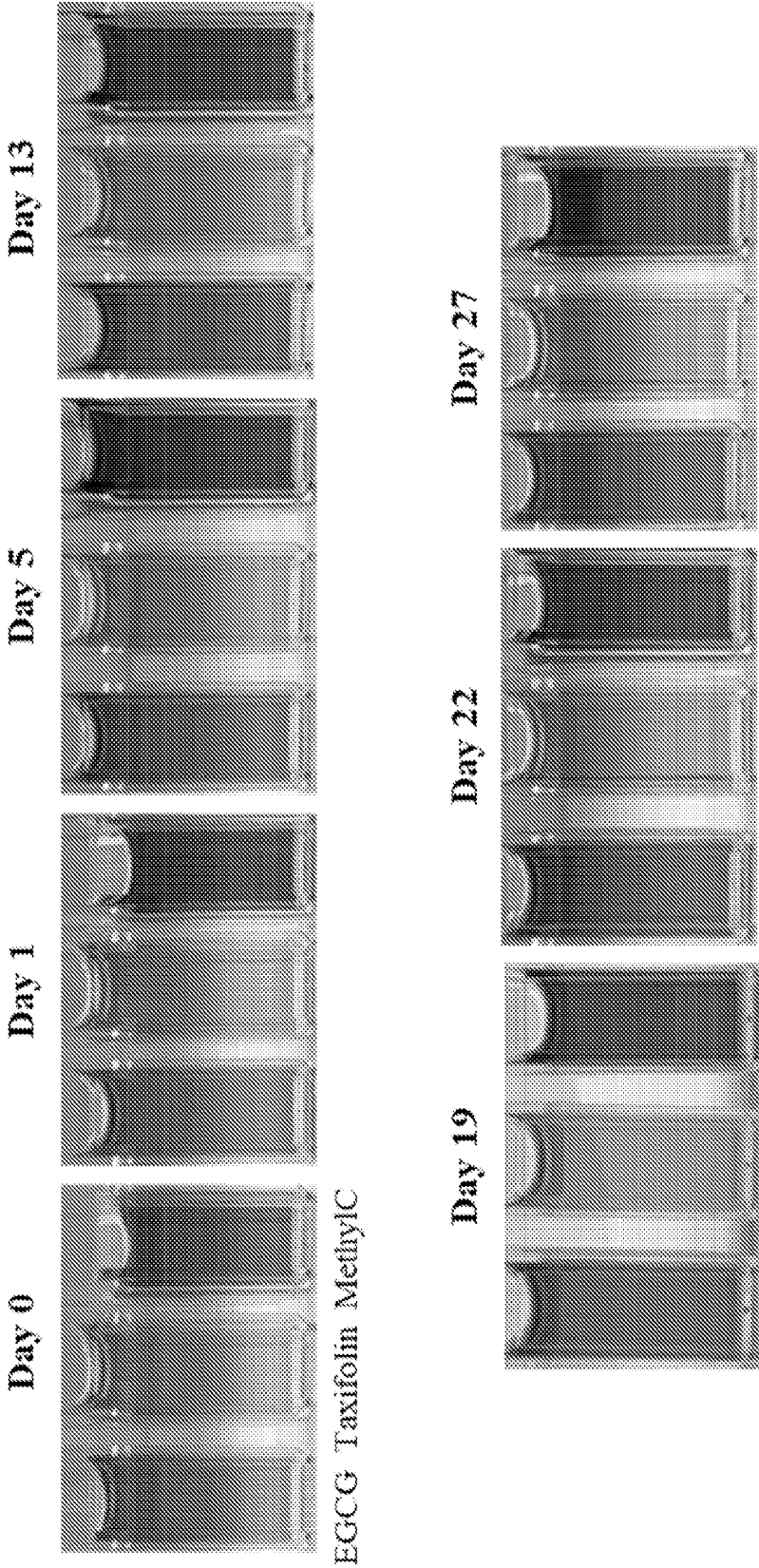
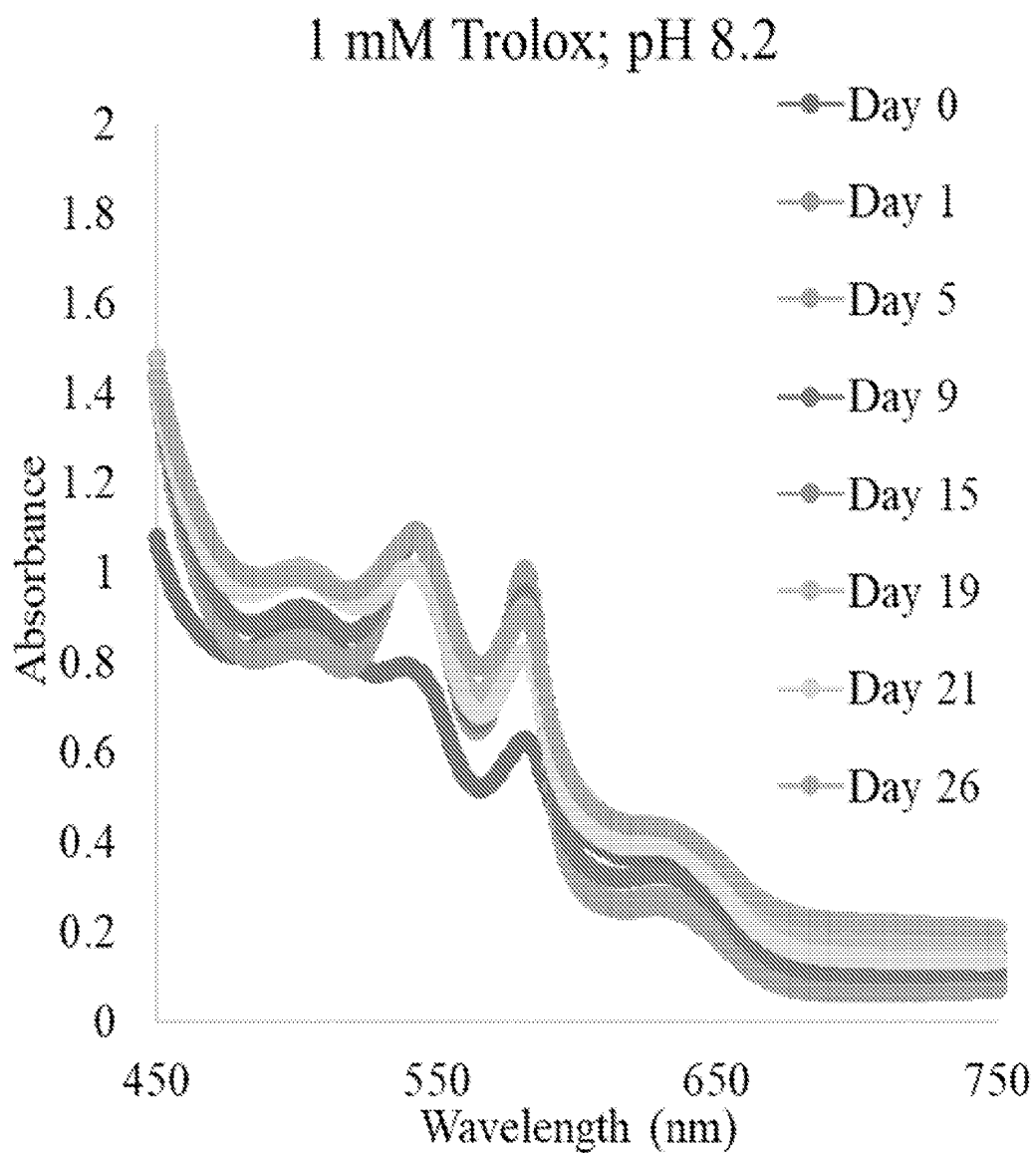
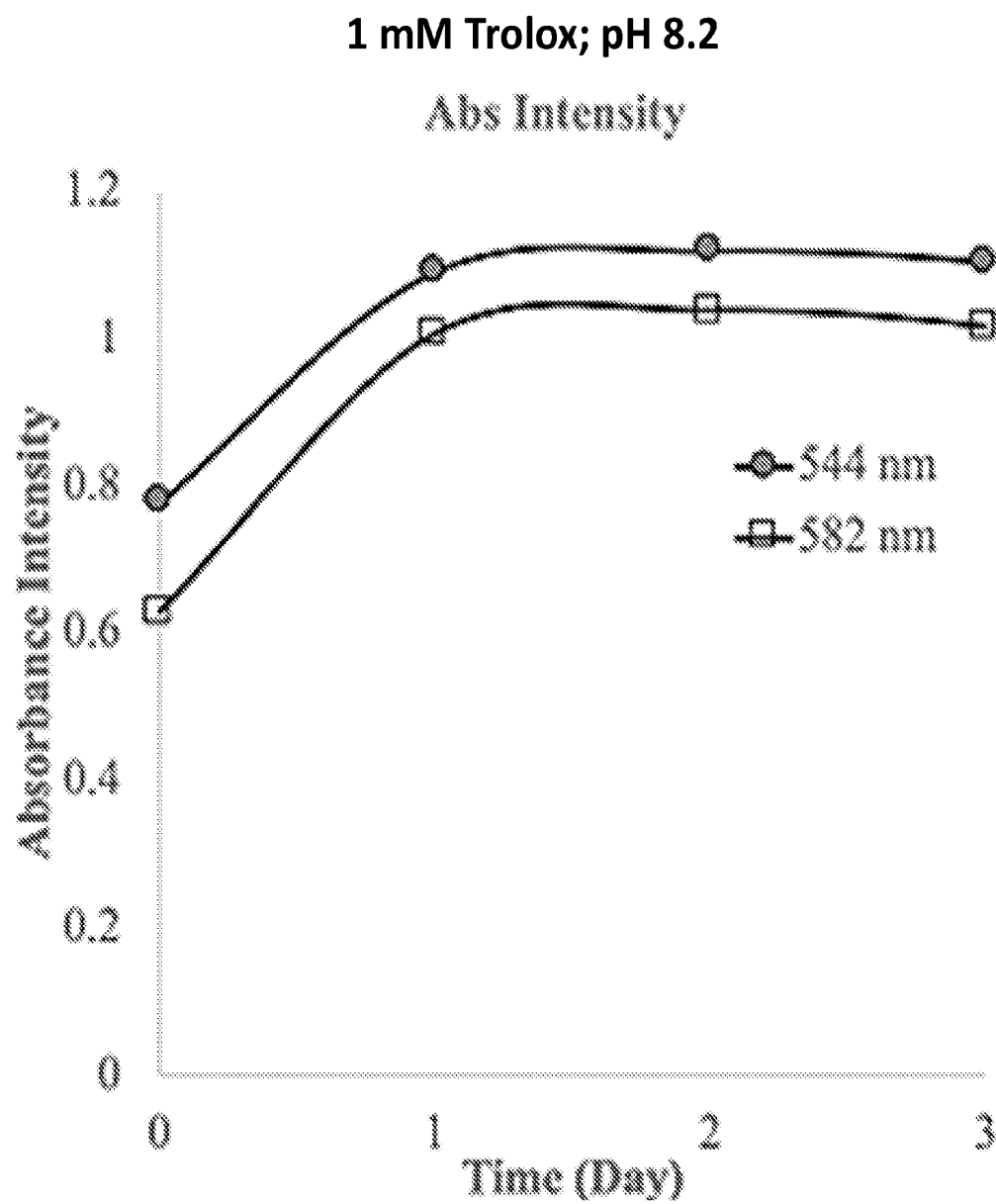
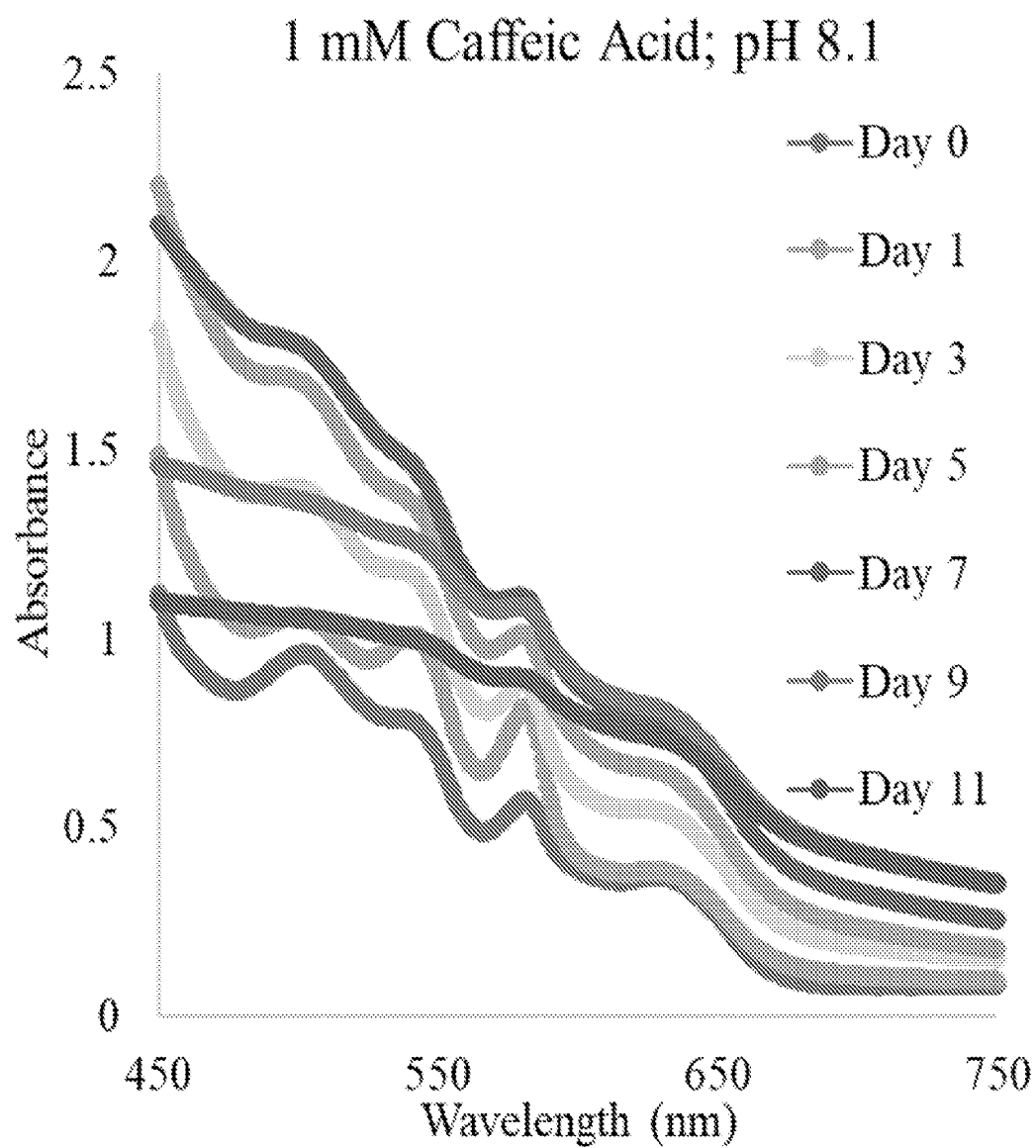
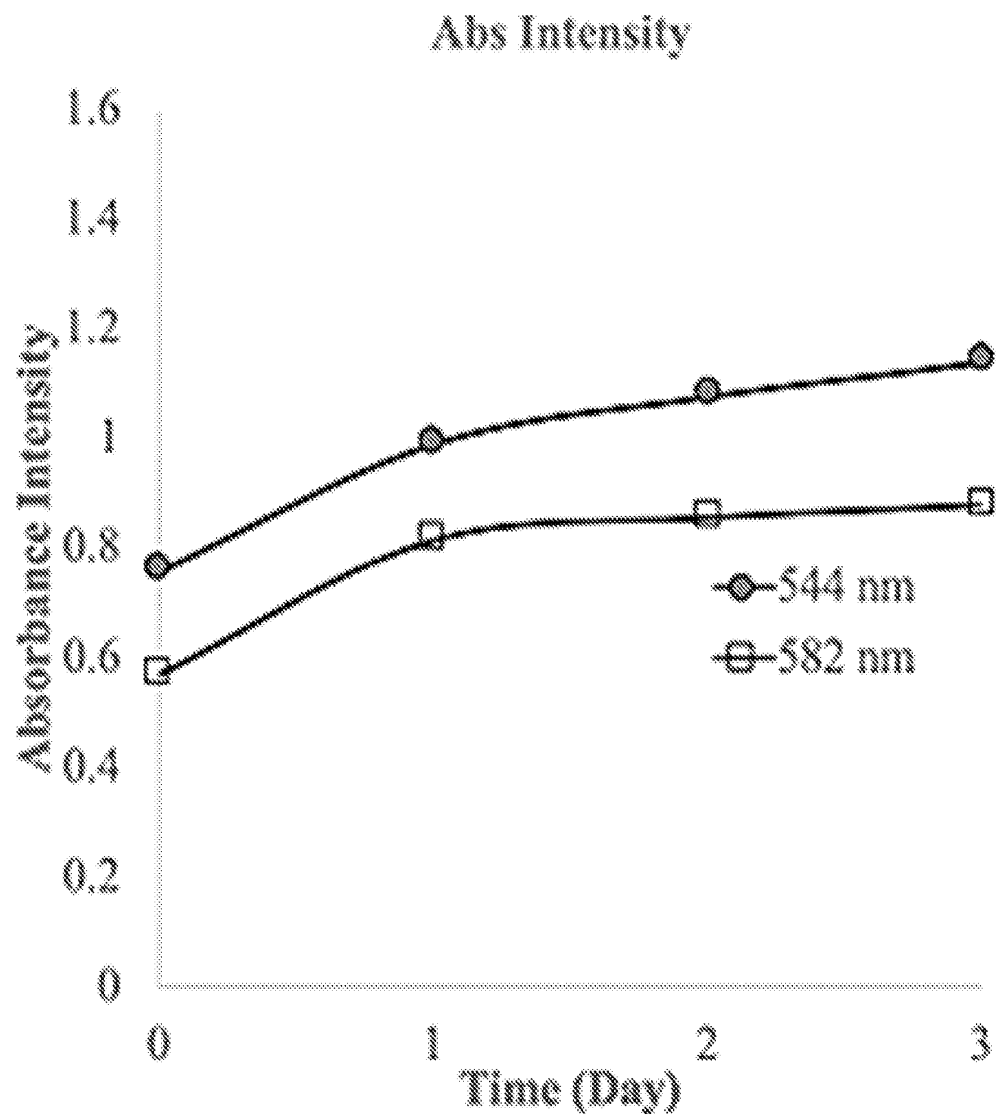


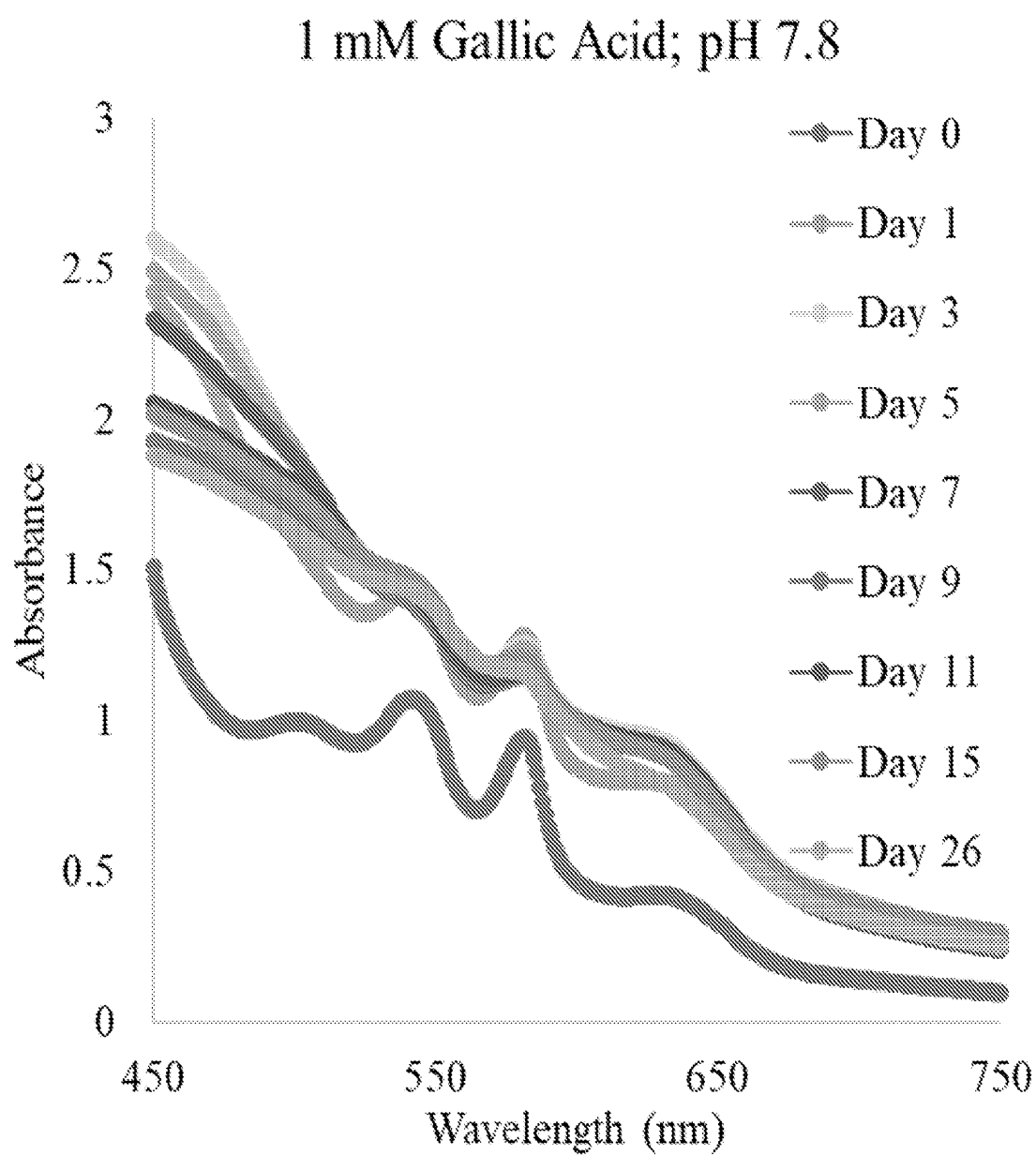
Fig. 4M

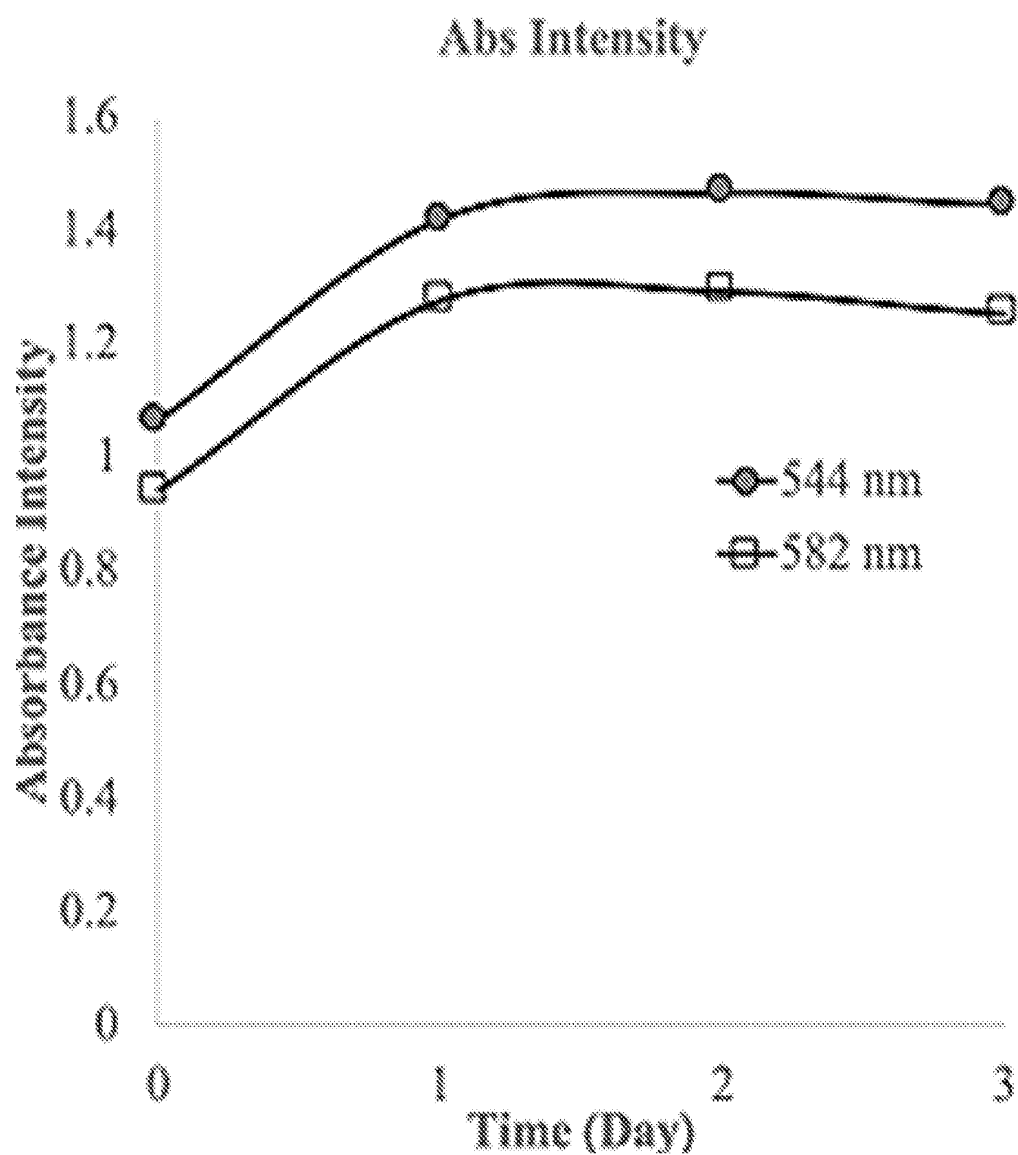
**Fig. 4N**

**Fig. 40**

**Fig. 4P**

1 mM Caffeic Acid; pH 8.1**Fig. 4Q**

**Fig. 4R**

1 mM Gallic Acid; pH 7.8**Fig. 4S**

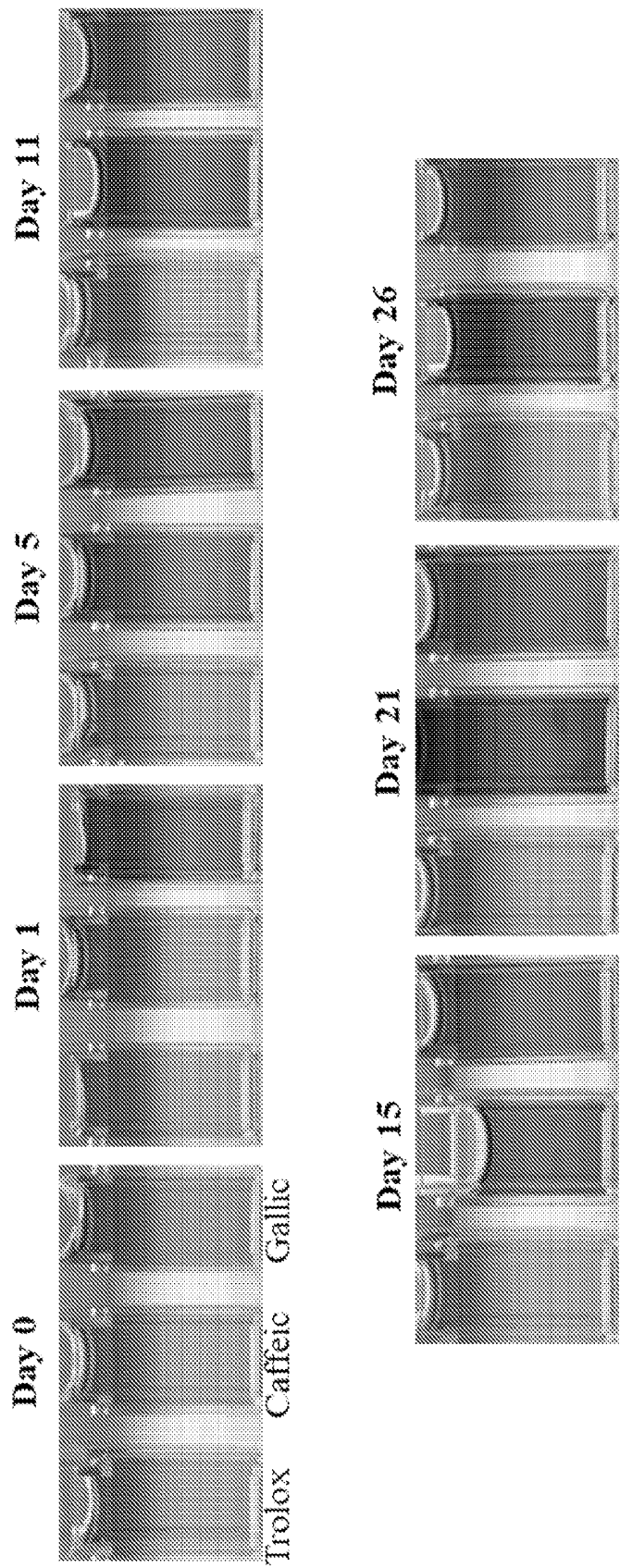


Fig. 4T

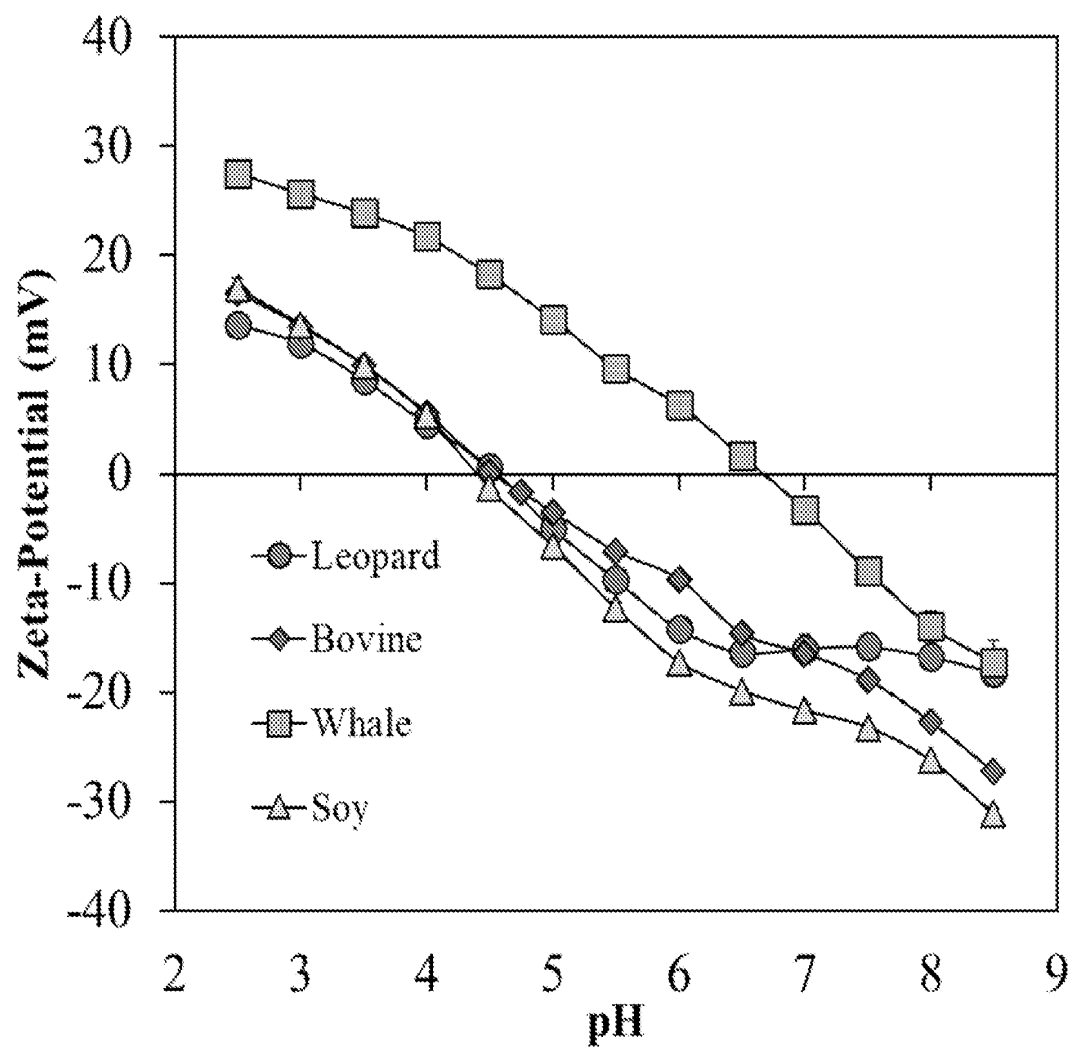
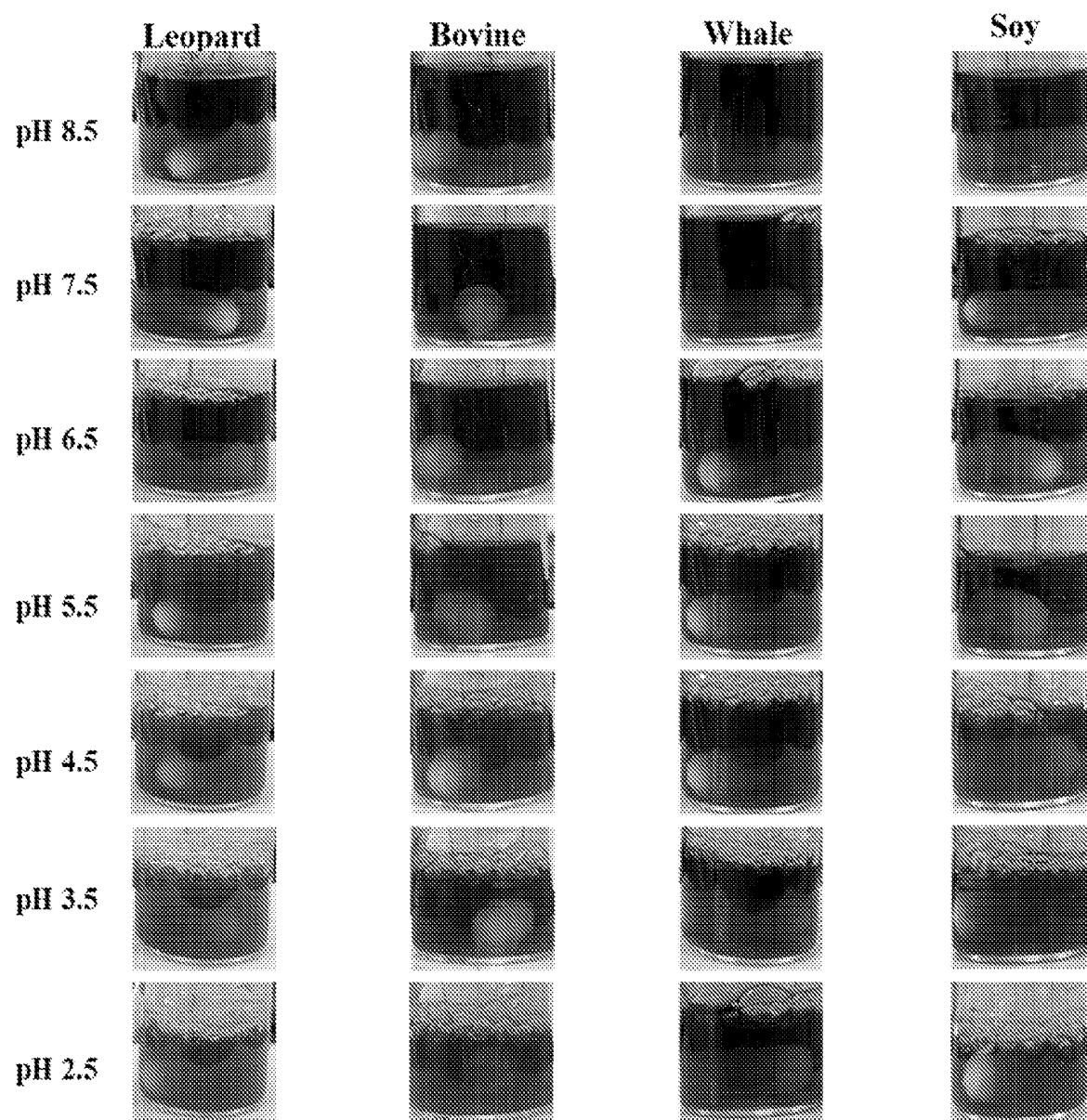
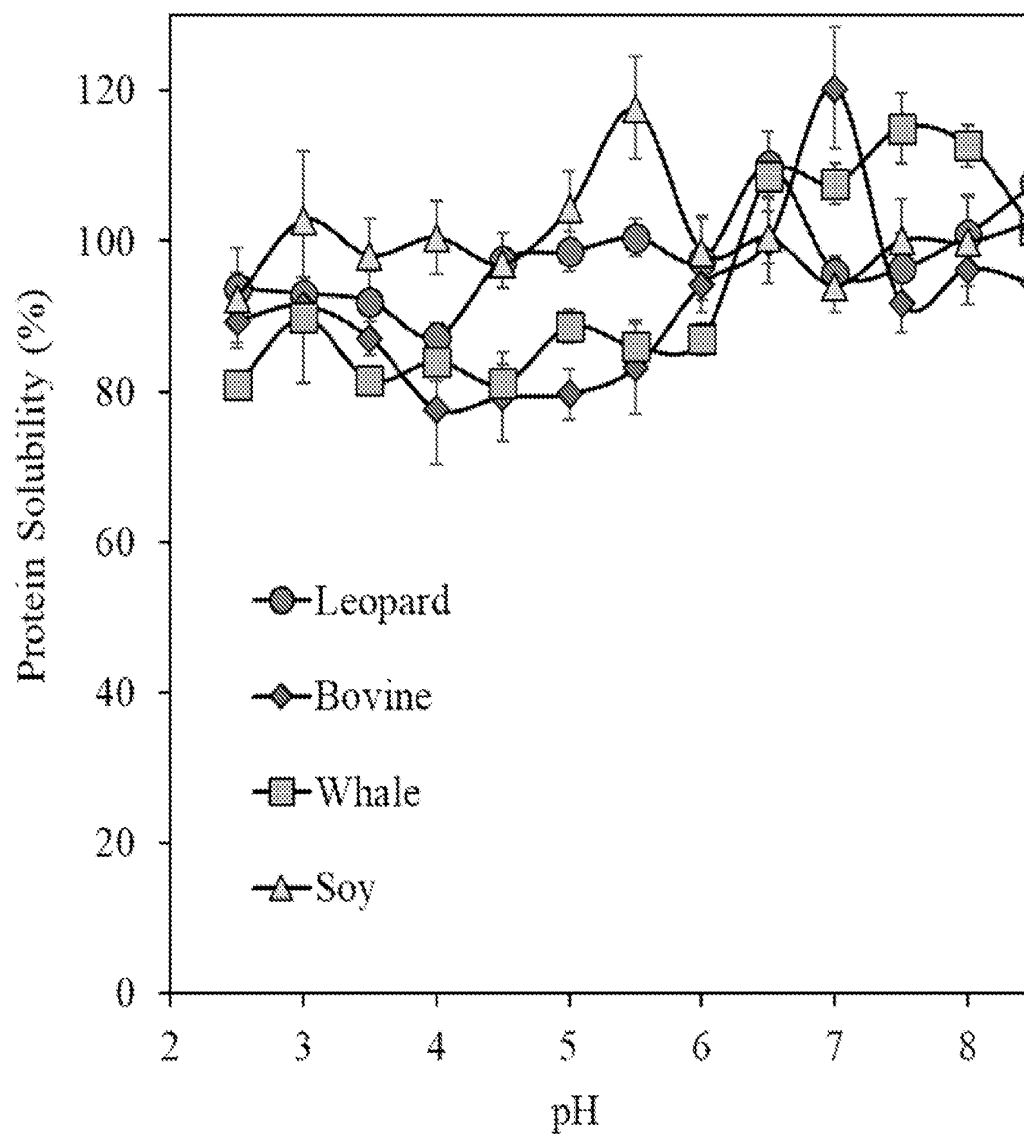
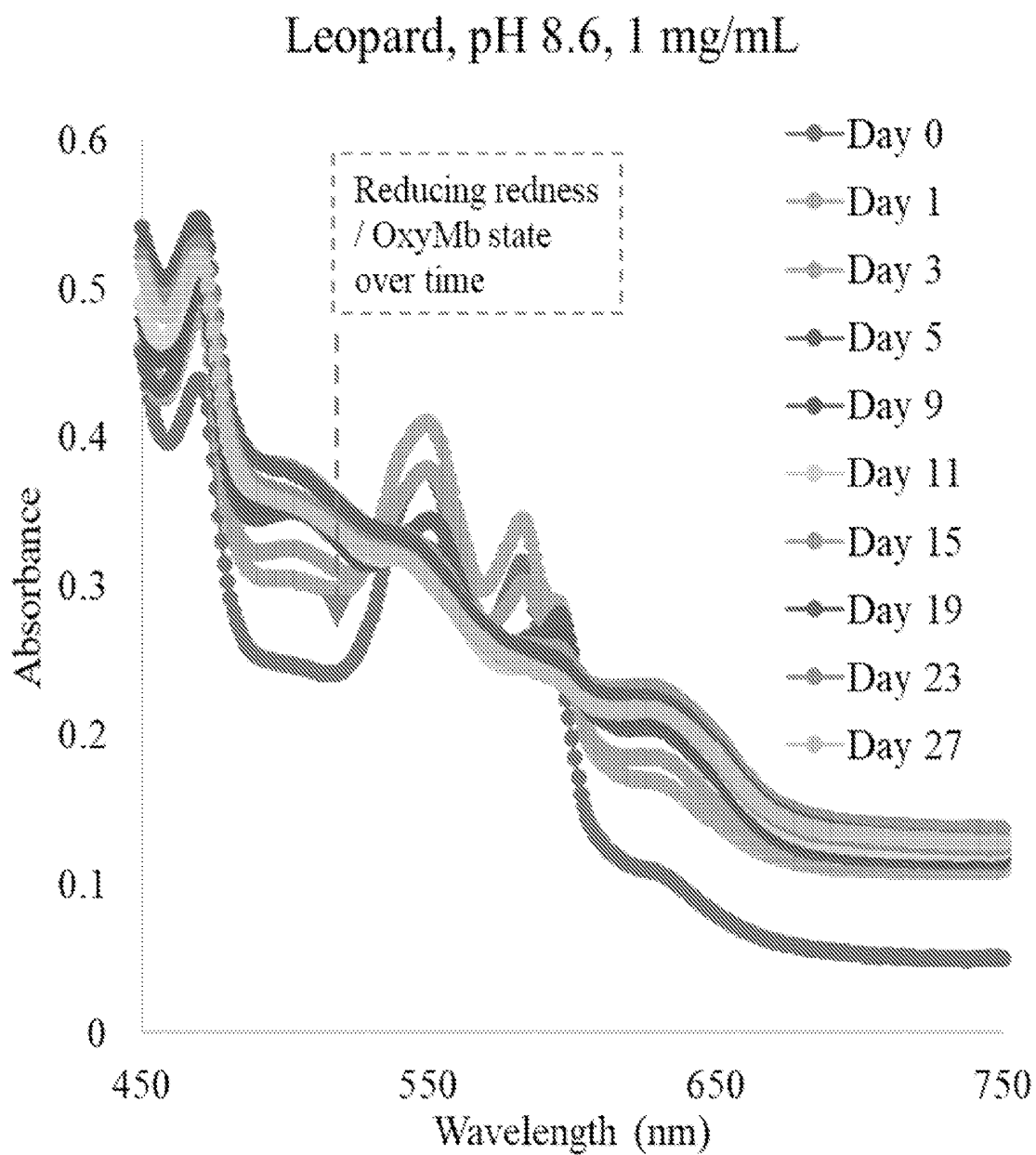
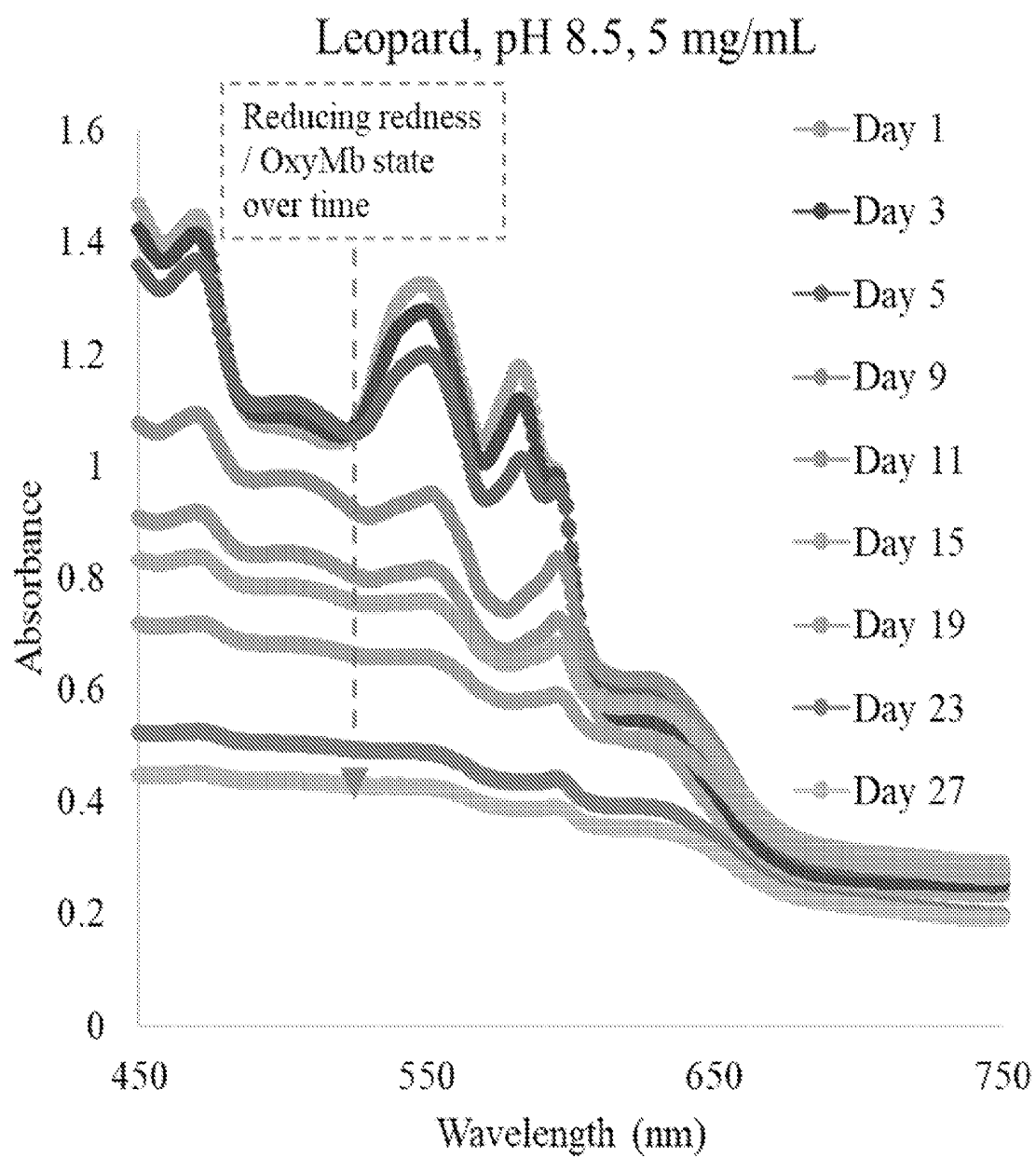


Fig. 5A

**Fig. 5B**

**Fig. 6**

**Fig. 7A**

**Fig. 7B**

Leopard, pH 8.6, 1 mg/mL, 5mg/mL

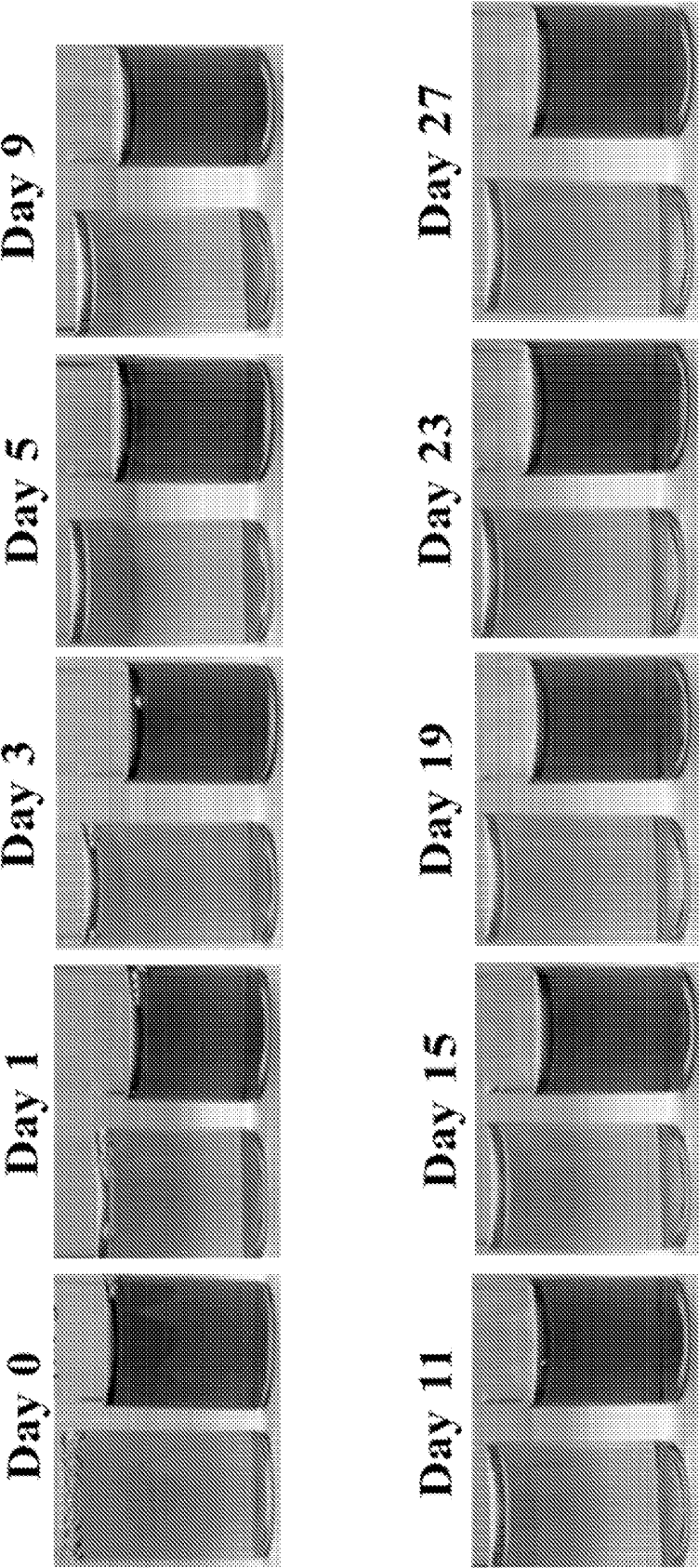
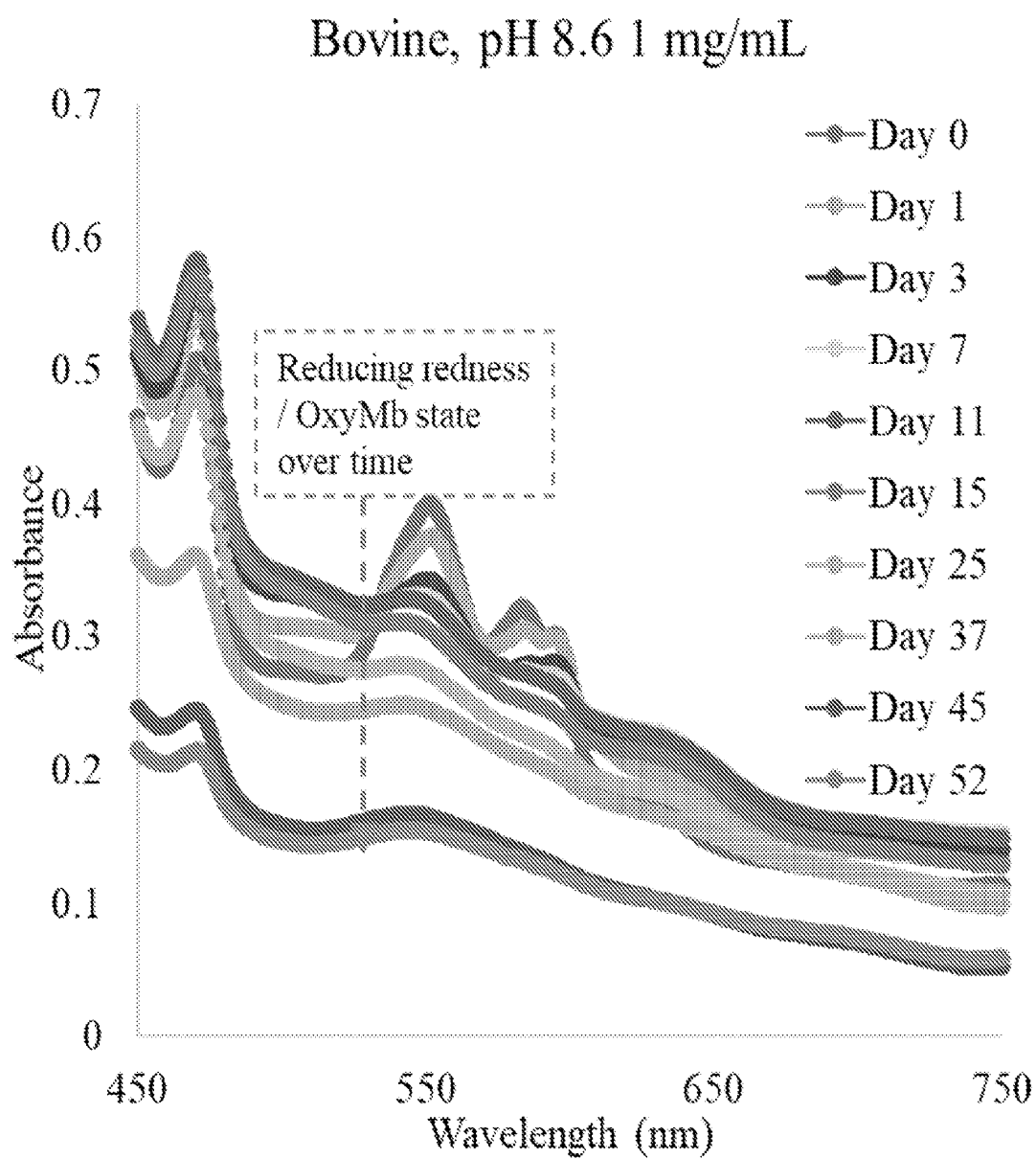
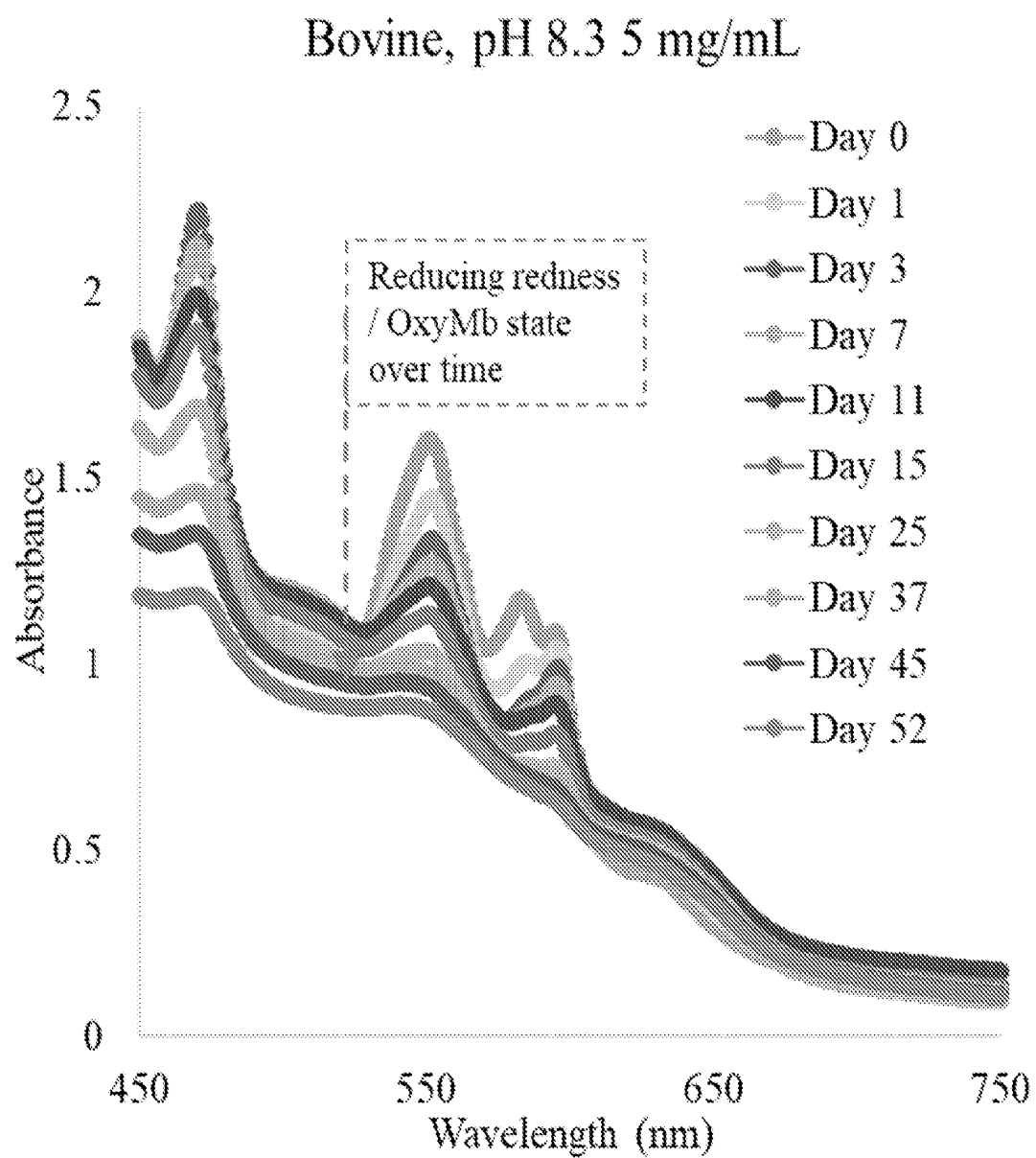


Fig. 7C

**Fig. 7D**

**Fig. 7E**

Bovine, pH 8.3 1mg/mL, 5 mg/mL

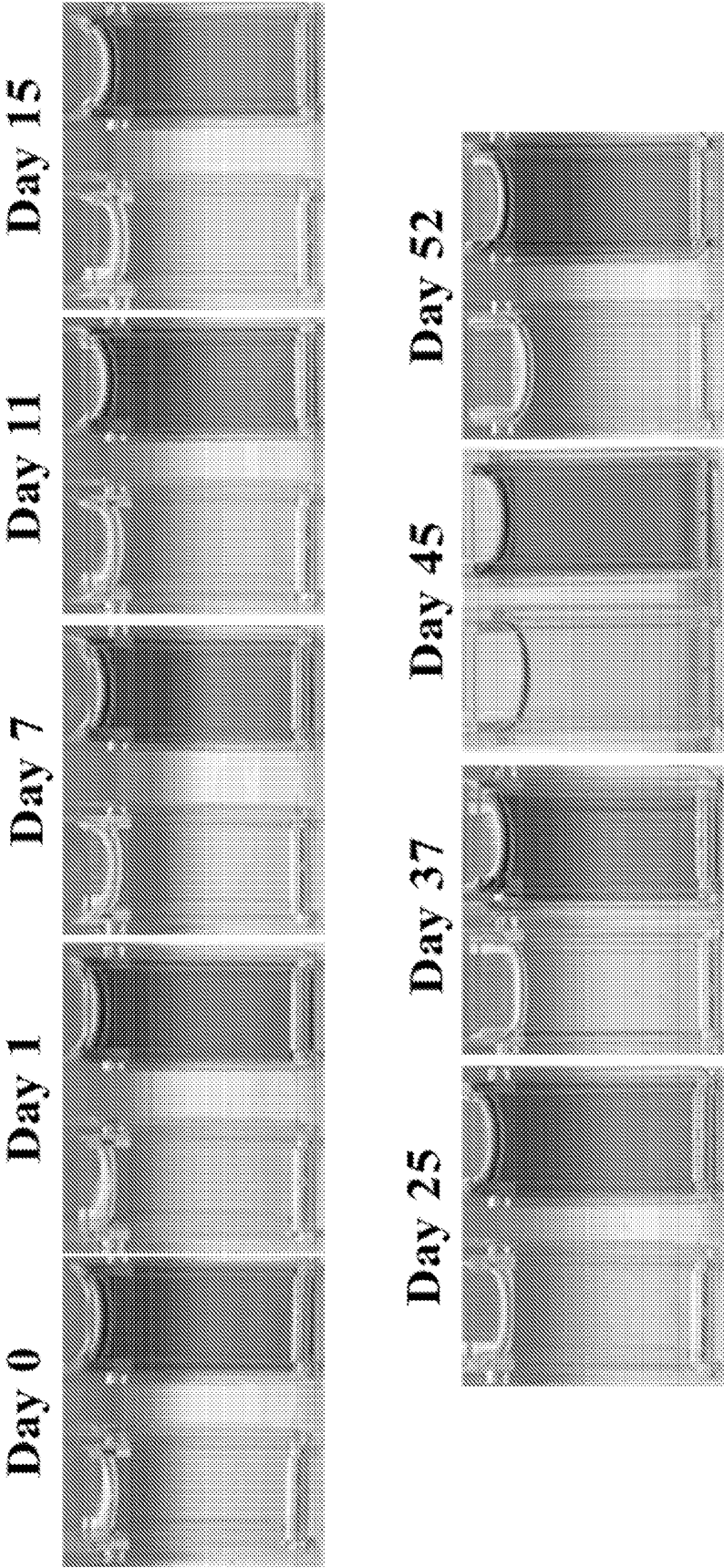
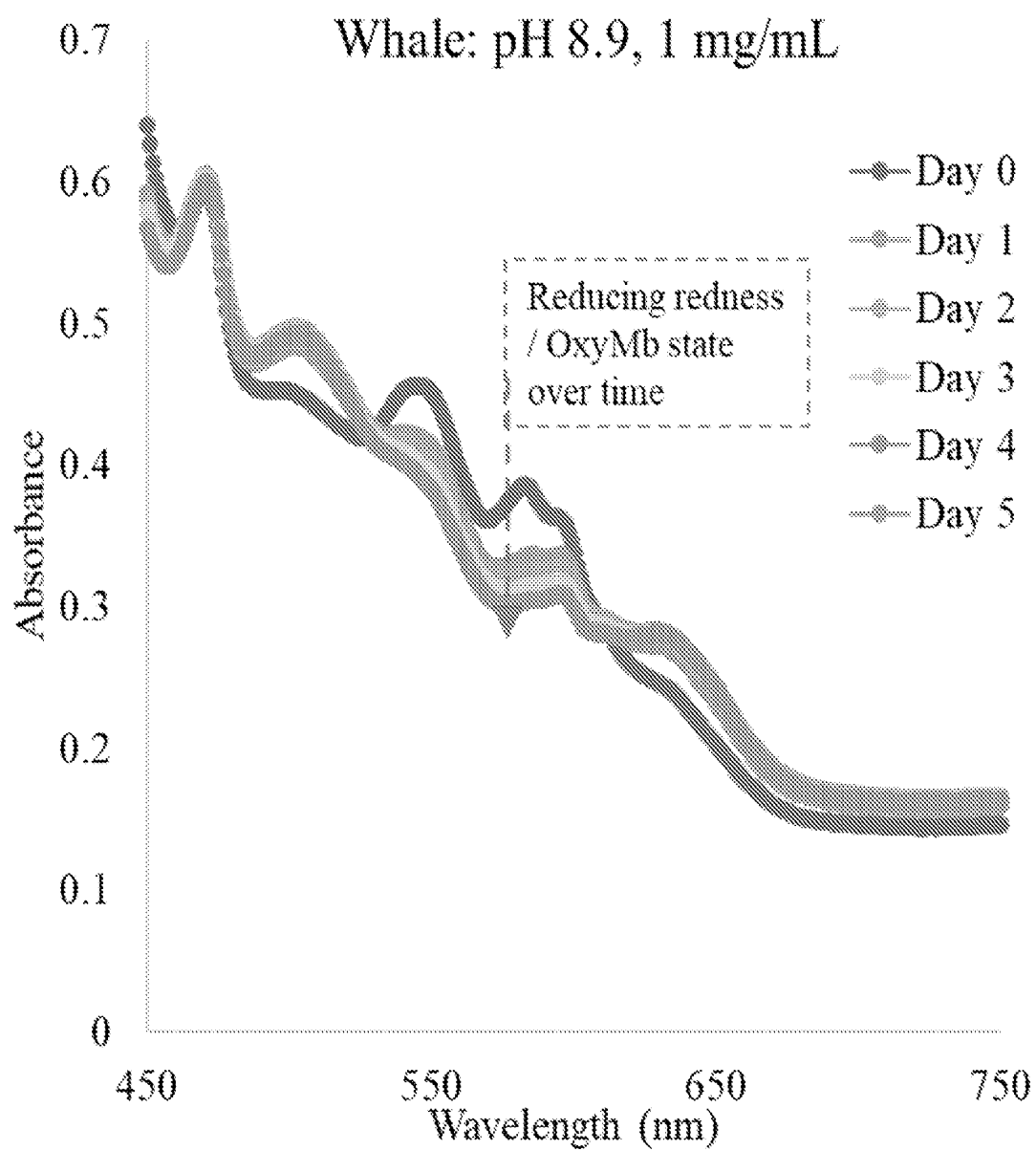
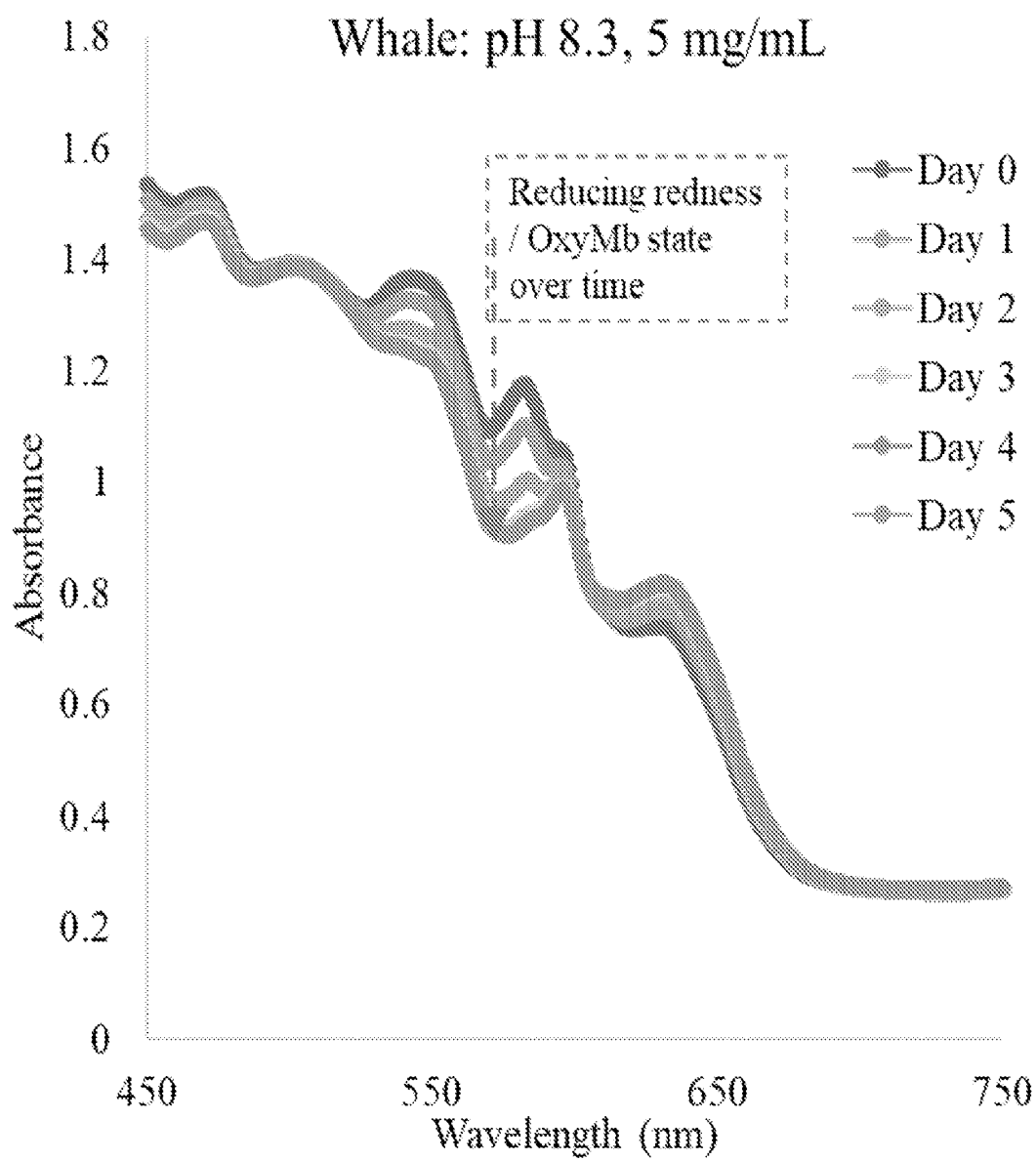


Fig. 7F

**Fig. 7G**

**Fig. 7H**

Whale, pH 8.3 1mg/mL, 5 mg/mL

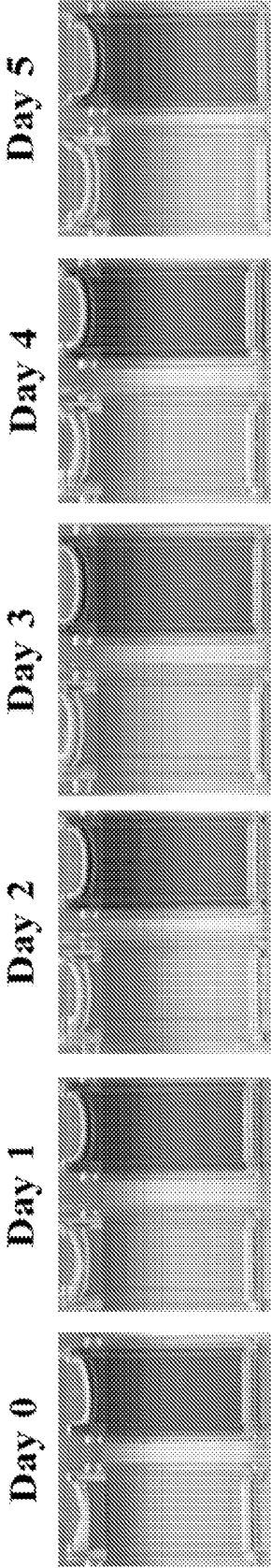
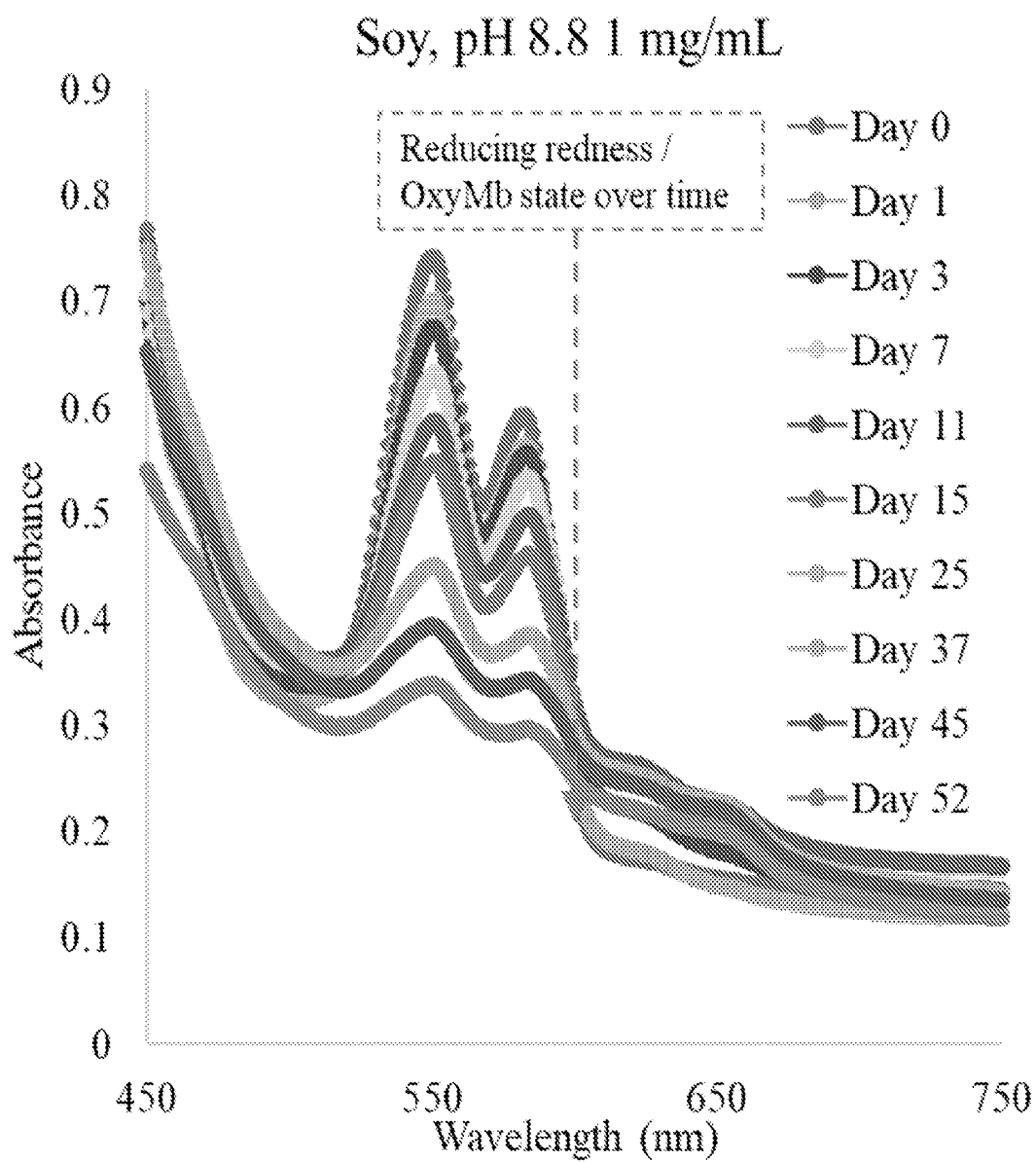
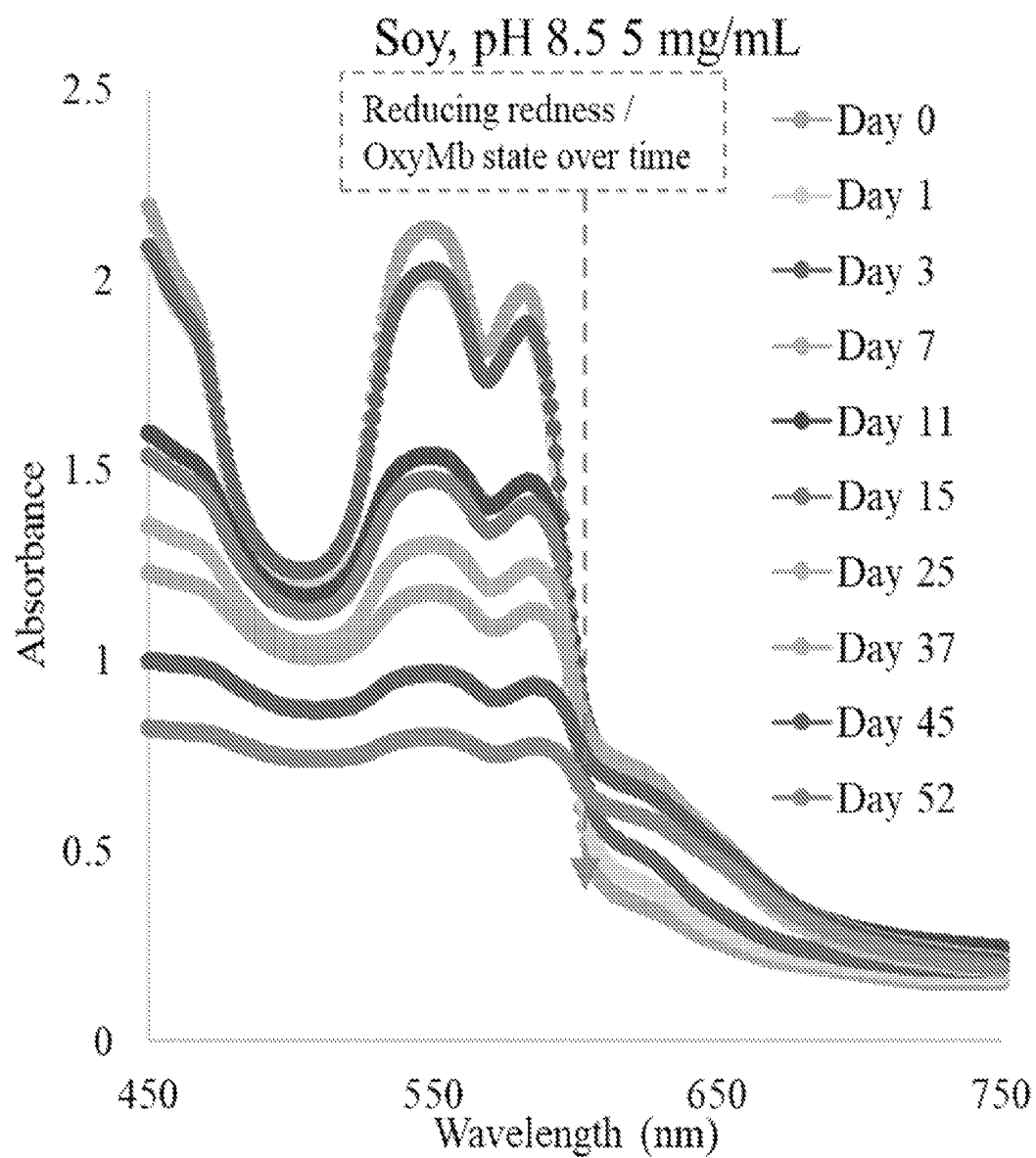


Fig. 7I

**Fig. 7J**

**Fig. 7K**

Soy, pH 8.5 1mg/mL, 5 mg/mL

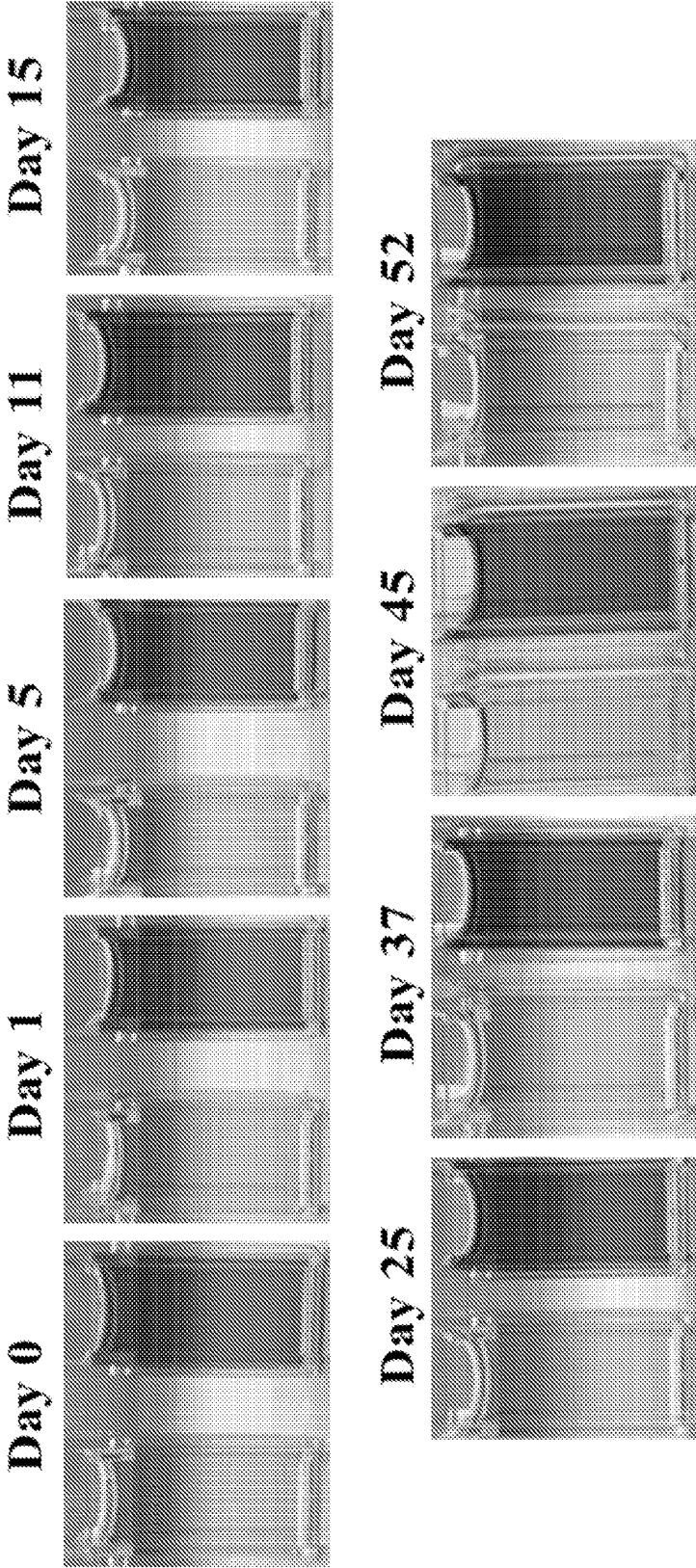


Fig. 7L