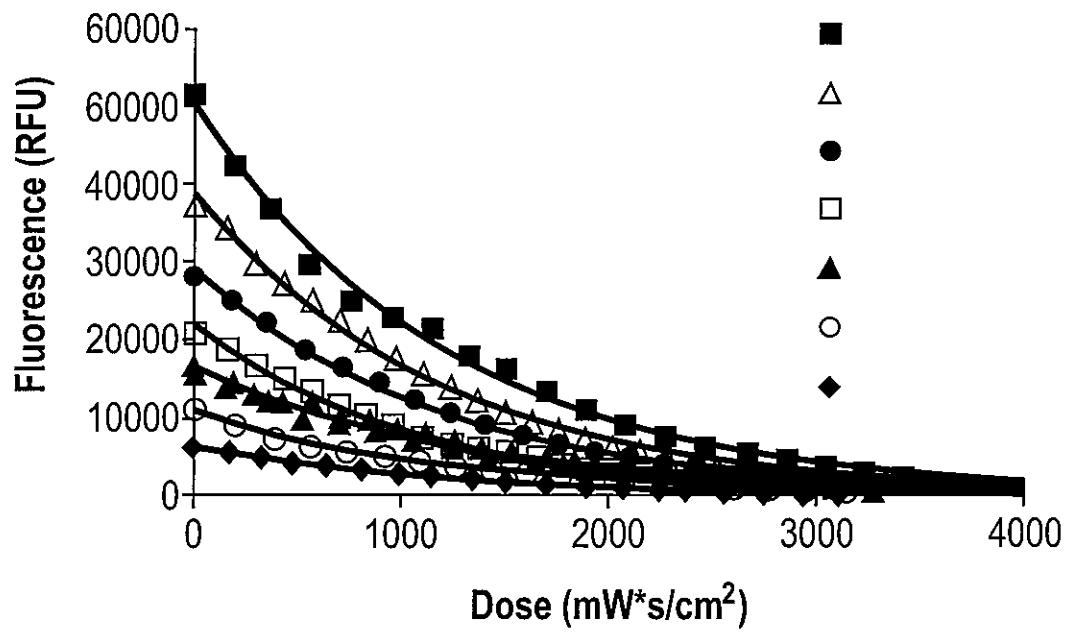
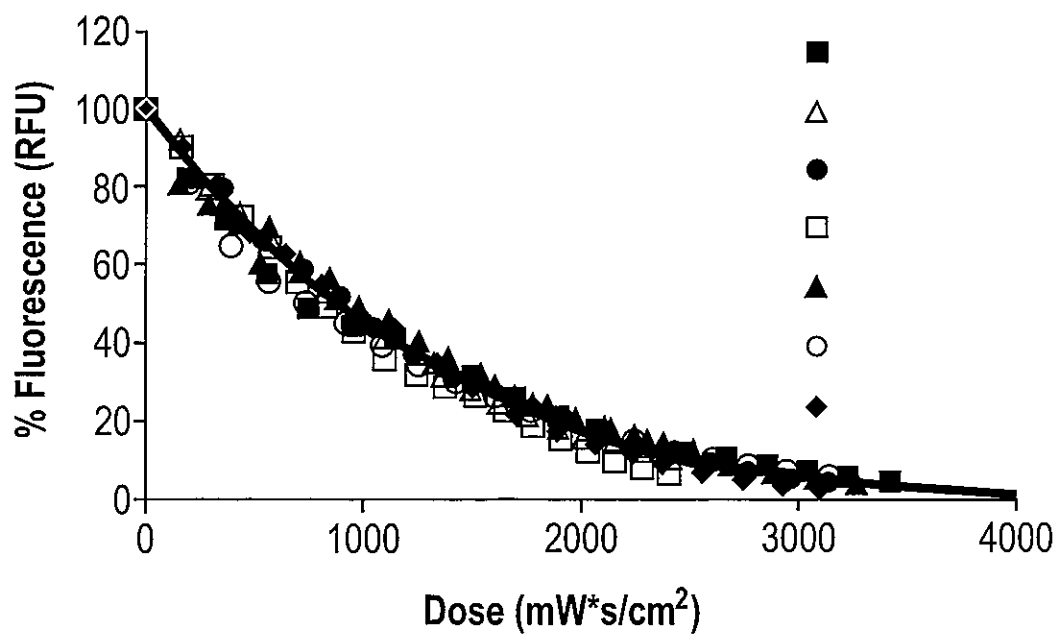
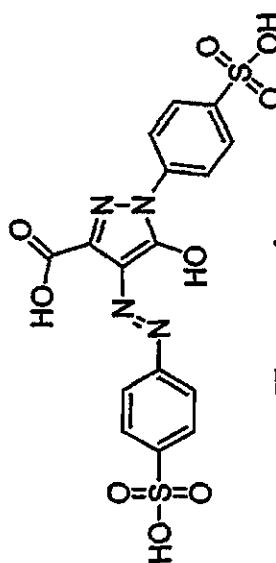
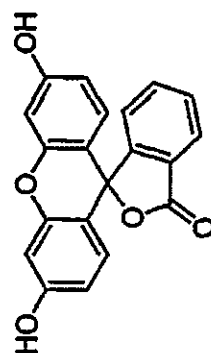
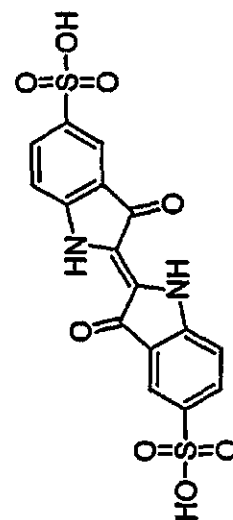
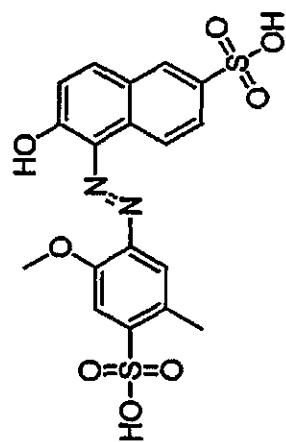
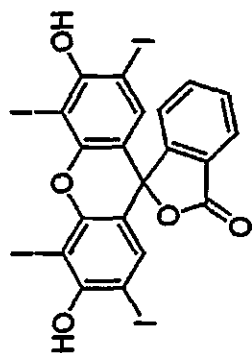


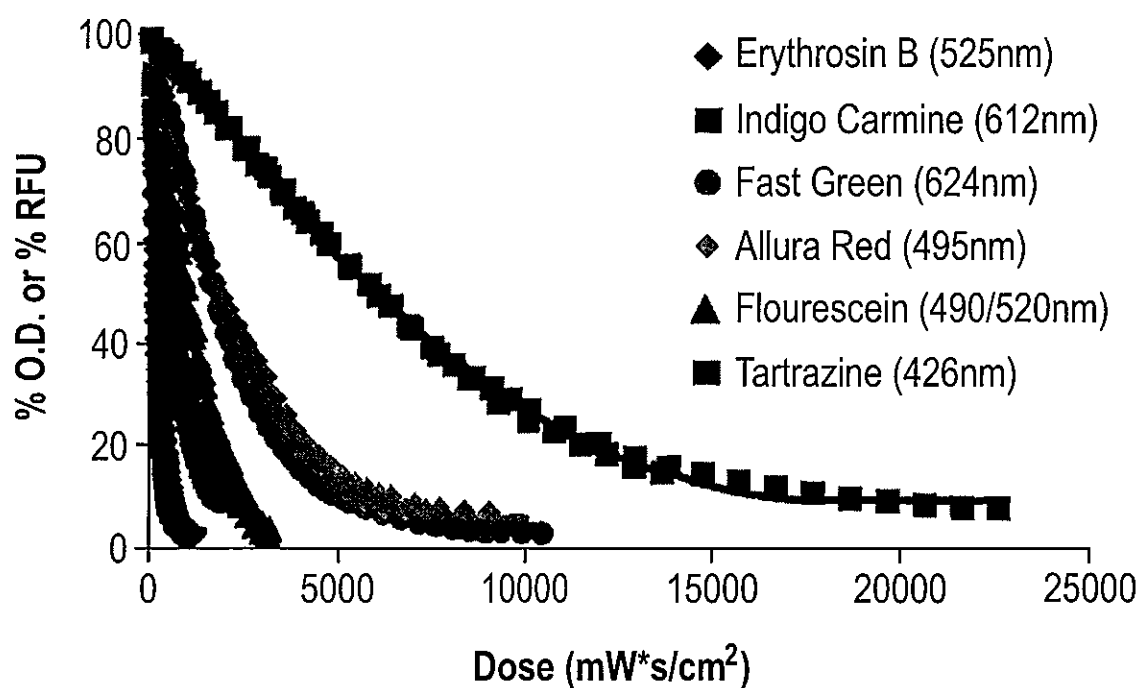
FIG. 1(A)**FIG. 1(B)**



Indigo Carmine
FD&C Blue 2

Fluorescein
D&C Yellow 8

Tartrazine
FD&C Yellow 5

FIG. 3(A)**FIG. 3(B)**

Dye	Dose Quantitation Range (mW*s/cm²)
Erythrosin B	0 - 400
Indigo Carmine	0 - 1200
Fluorescein	0 - 1800
Fast Green	0 - 3500
Allura Red	0 - 4000
Tartrazine	0 - 12,000

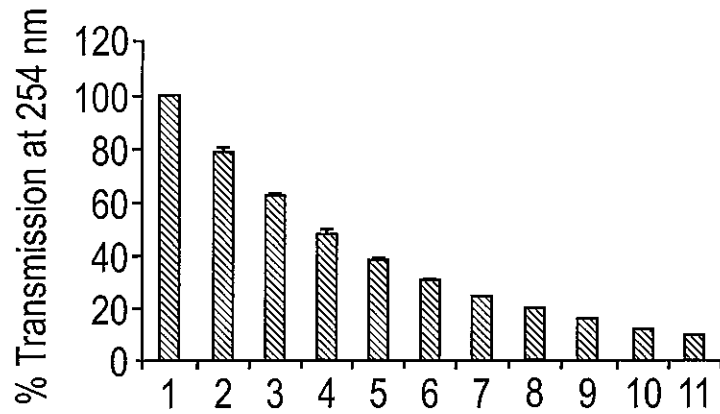
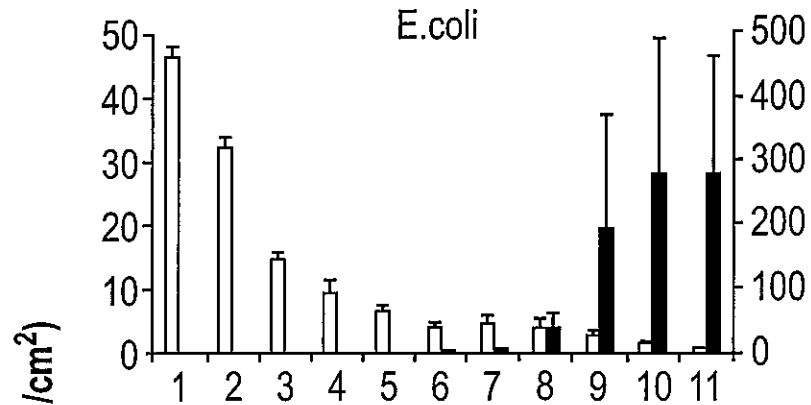
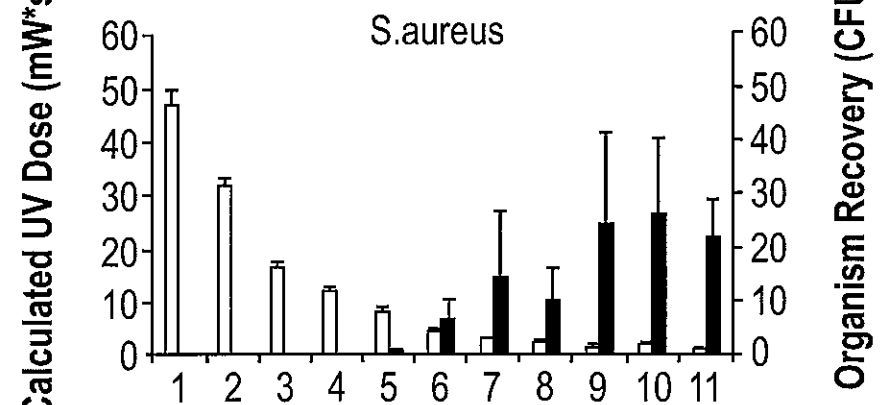
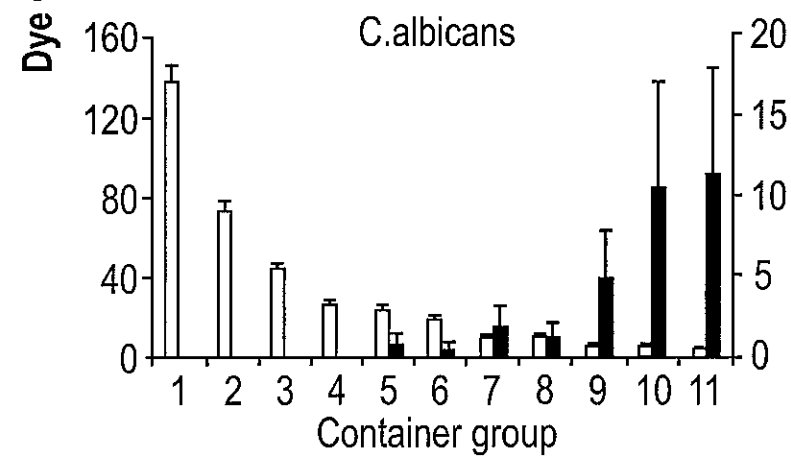
FIG. 4(A)**FIG. 4(B)****FIG. 4(C)****FIG. 4(D)**

FIG. 5(A)

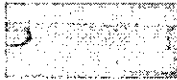
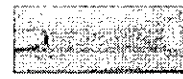
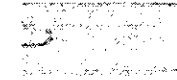
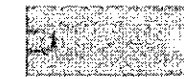
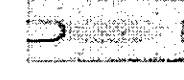
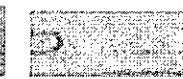
Erythrosin B 10 µg/mL	Indigo Carmine 100 µg/mL	Erythrosin B 100 µg/mL	Dose mW*s/cm ²	Bacteria	Fungus	Protozoa	Virus
			0	Vibrio cholerae (20) Escherichia Coli (43) Mycobacterium tuberculosis (47) Staphylococcus aureus (50) Pseudomonas aeruginosa (82) Serratia marcescens (126) Francisella tularensis (332) Salmonella typhimurium (354) Bacillus anthracis - spore (493) Streptococcus pneumoniae (562)	Blastomyces dermatitidis (166) Candida albicans (250) Fusarium solani - spore (376) Aspergillus flavus - spore (600) Aspergillus amstelodami - spore (650)	Cryptosporidium parvum (20) Giardia lamblia (29)	Herpes Simplex 2 (53) Herpes Simplex 1 (60) Hepatitis A (126) Poliovirus type 1 (133) Esptein-Barr (194) Bacteriophage MS2 (288) HIV (336) Adenovirus (560) 5/12 Polyomavirus (695) Human Cytomegalovirus (790)
			500				
			1000	Bacillus atrophaeus - spore (1588)	Cladosporium trichoides (1344) Scopulariopsis brevicaulis (1506) Scopulariopsis brevicaulis (1506) Aspergillus niger - spore (1608) Aspergillus fumigatus (1665)	Acanthamoeba castellanii (1198)	SV40 (1104)
			2500	Bacillus thuringiensis (2763)			
			5000		Rhizopus nigricans - spore (3600) Stachybotrys chartarum (6690)		SARS-CoV (3655)

FIG. 5(B)

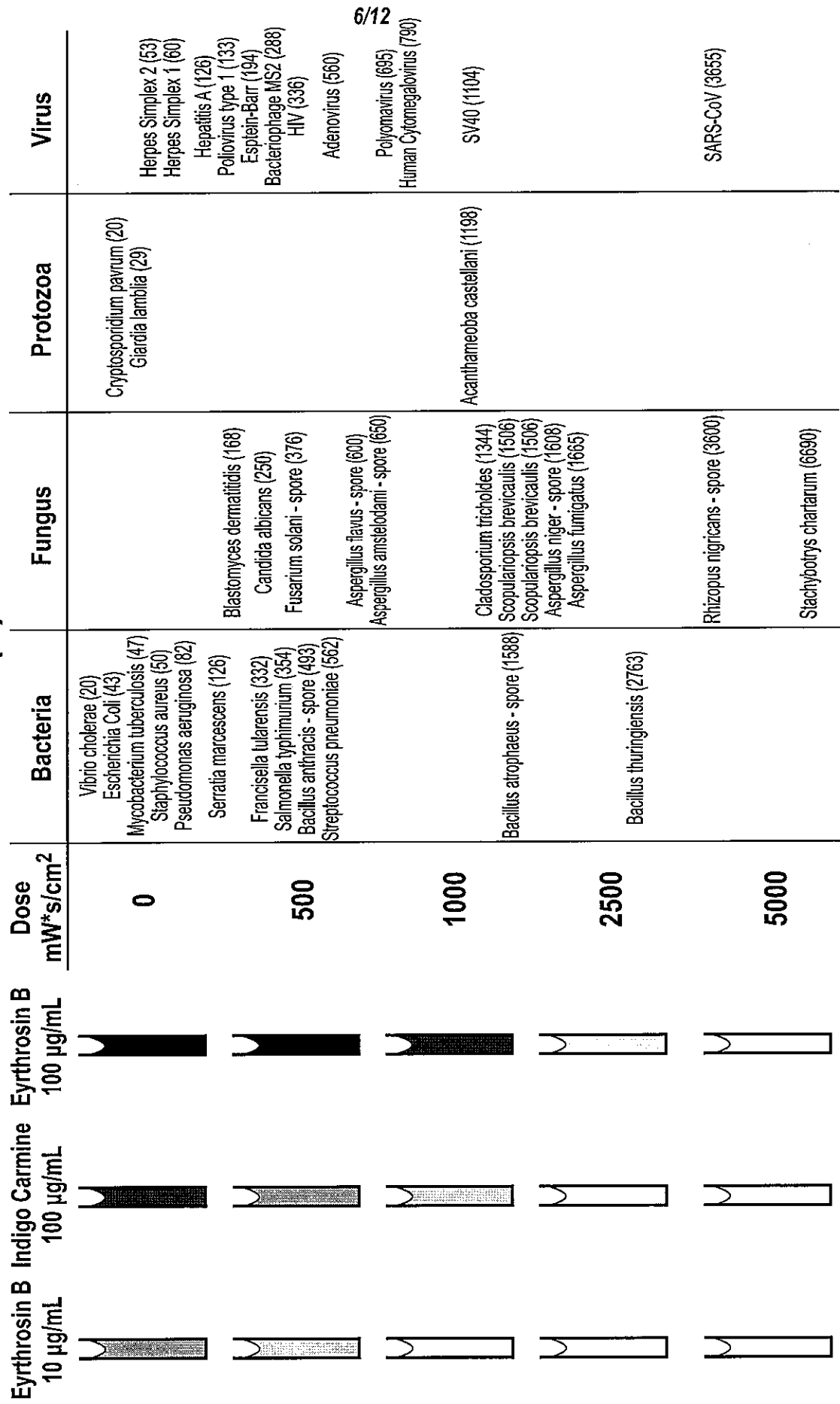


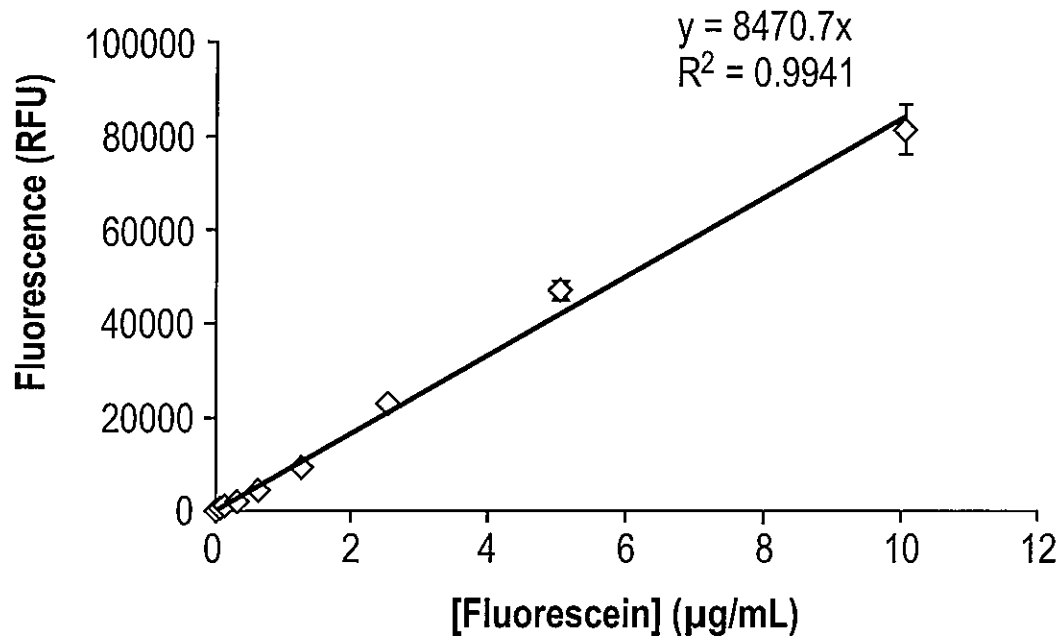
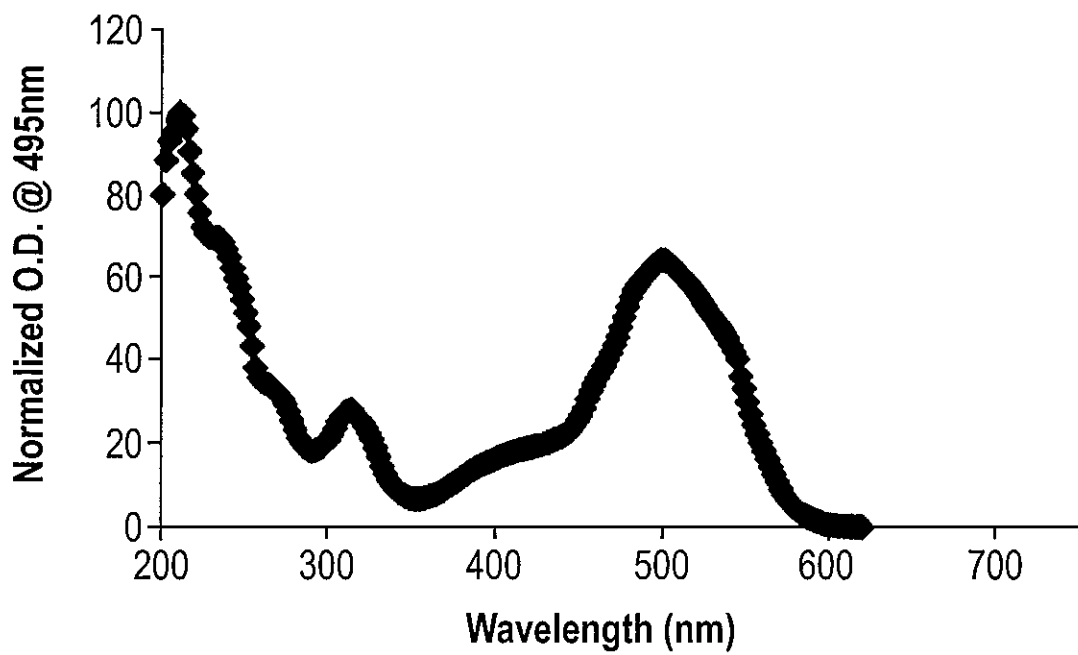
FIG. 6(A)**FIG. 6(B)**

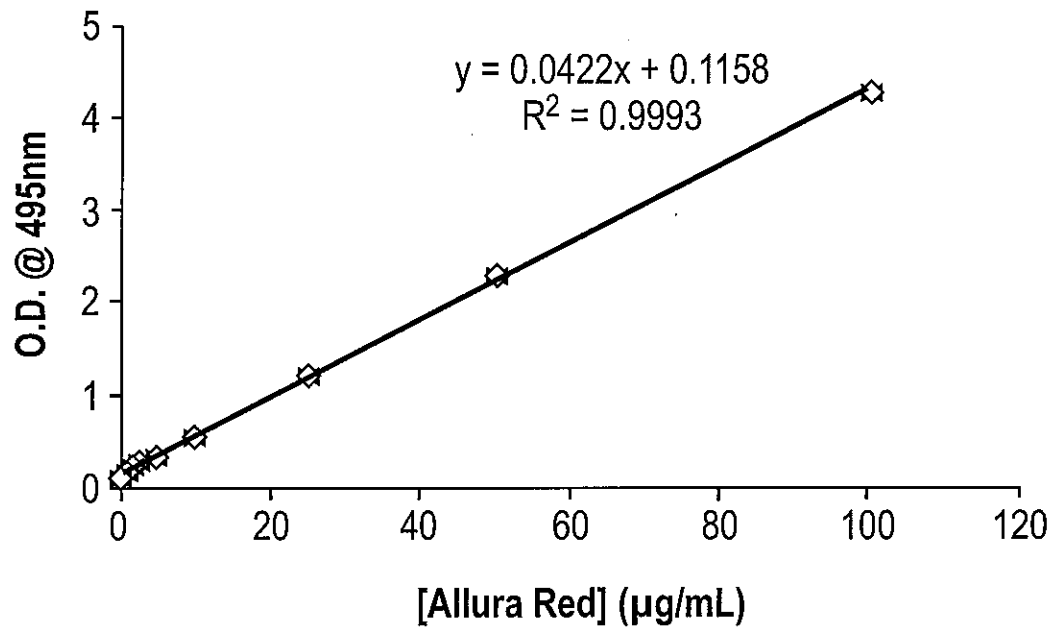
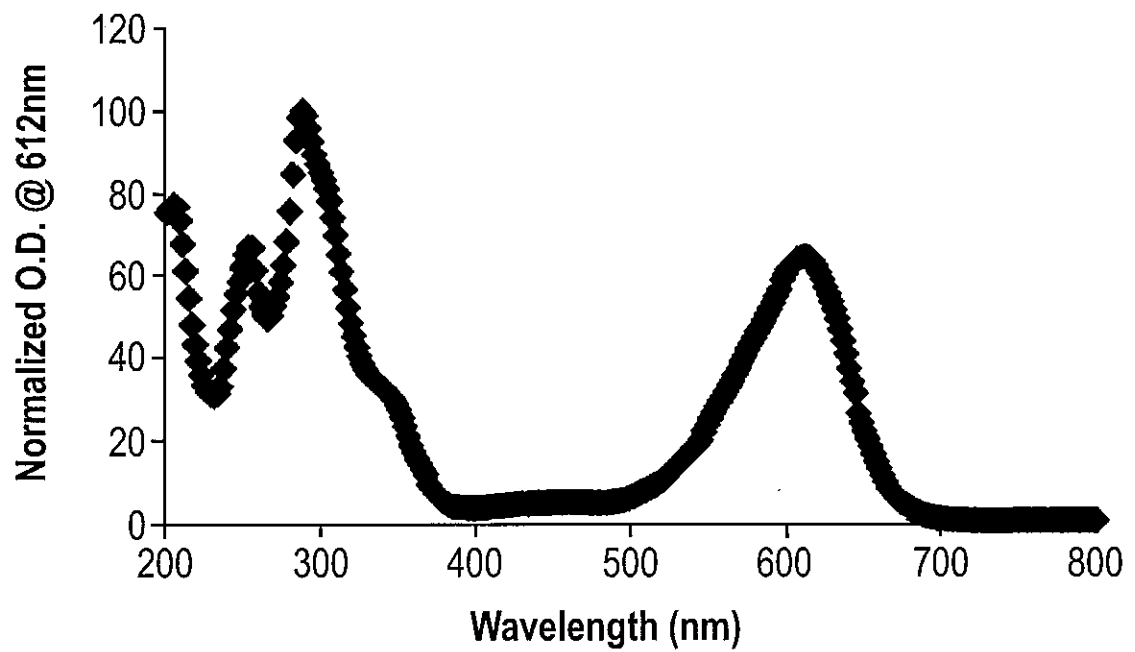
FIG. 6(C)**FIG. 6(D)**

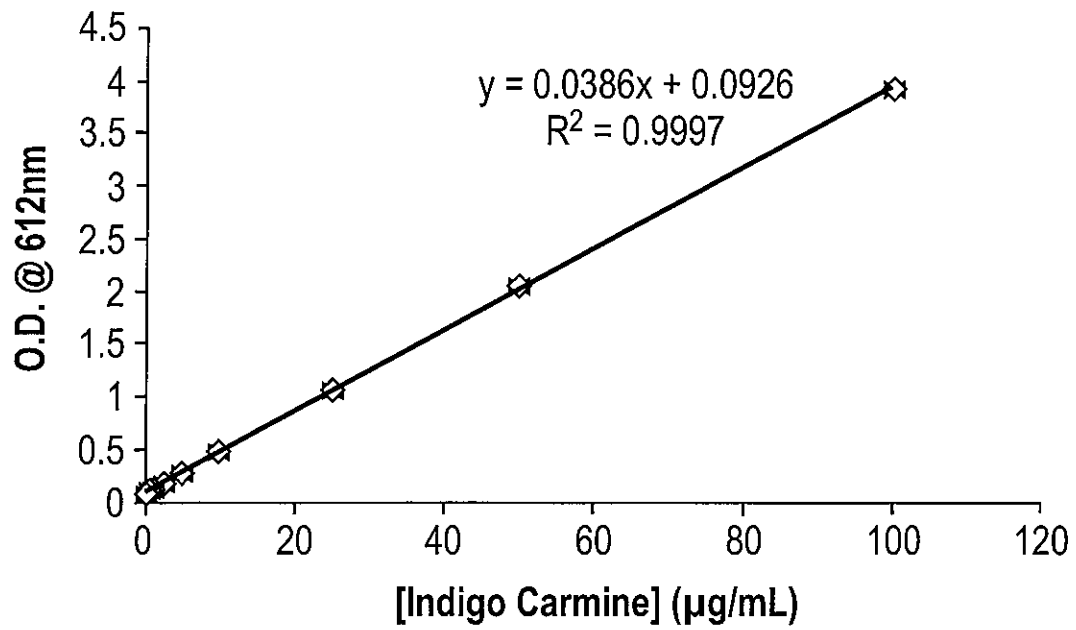
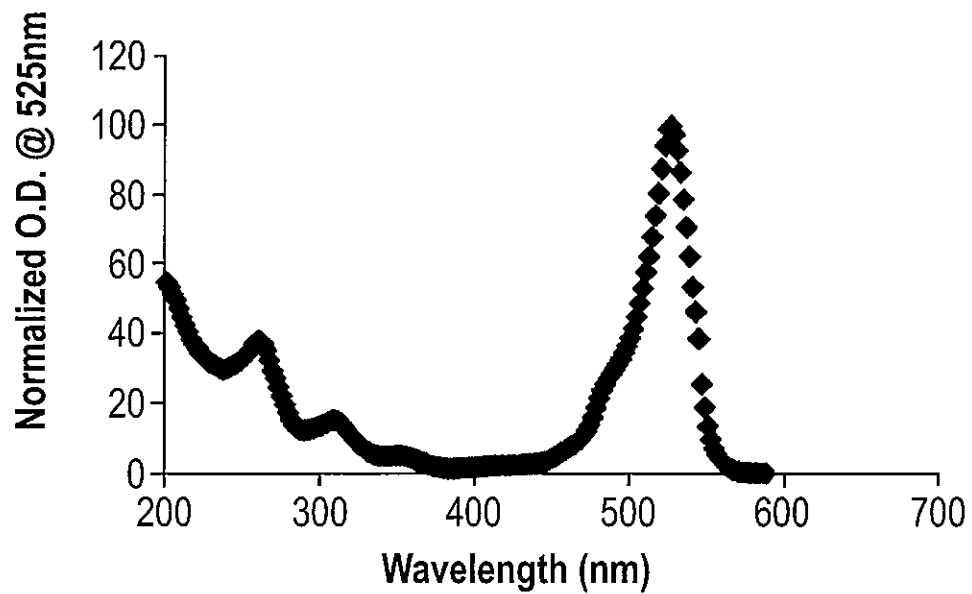
FIG. 6(E)**FIG. 6(F)**

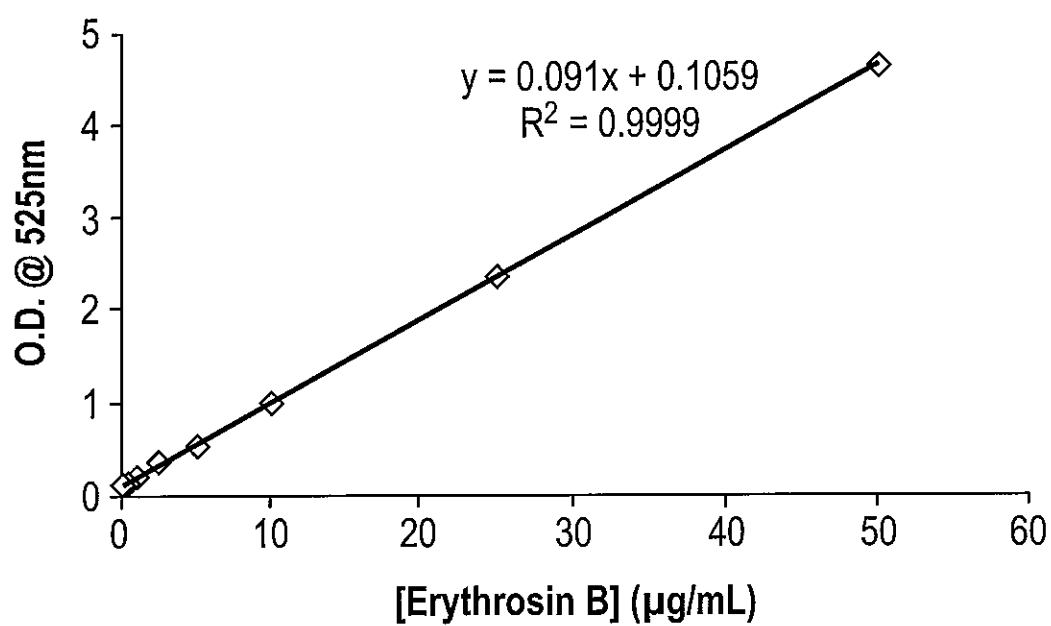
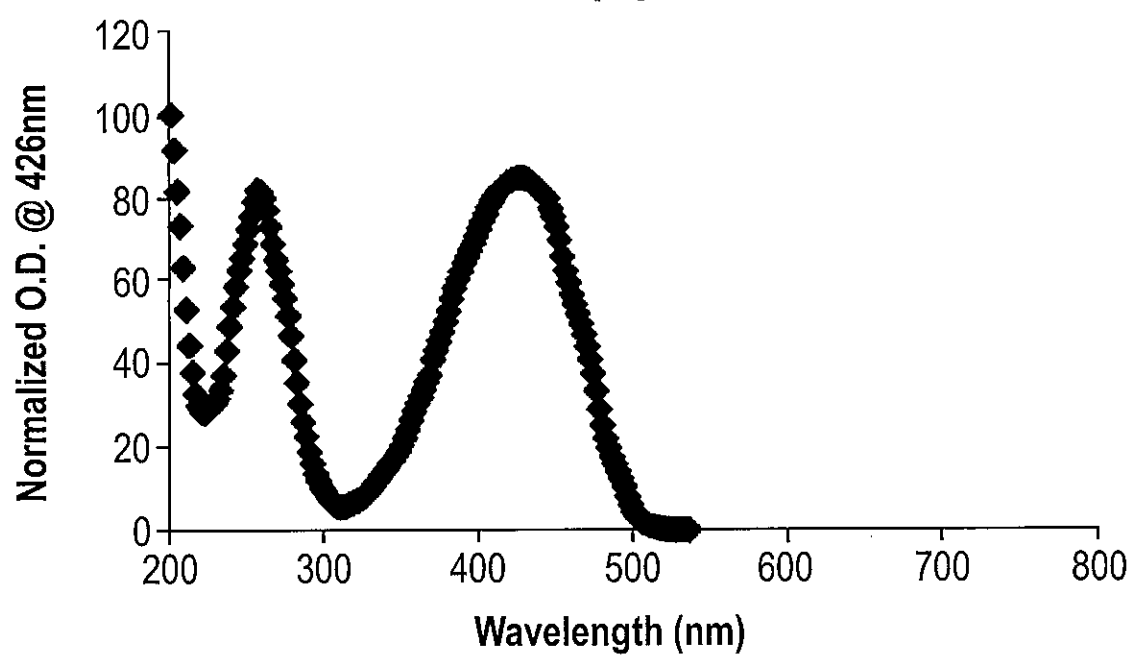
FIG. 6(G)**FIG. 6(H)**

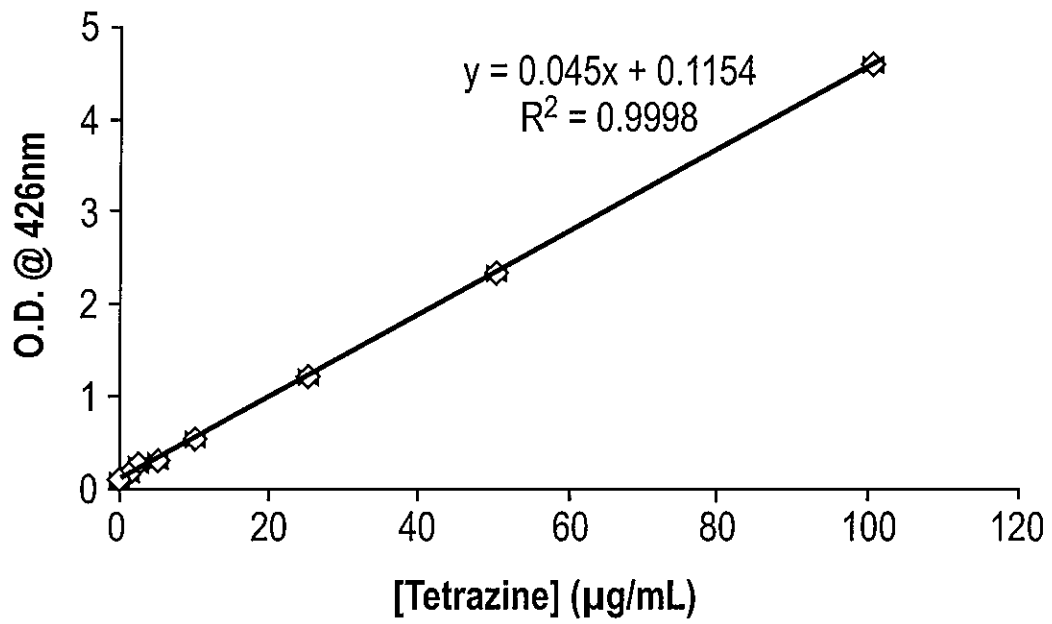
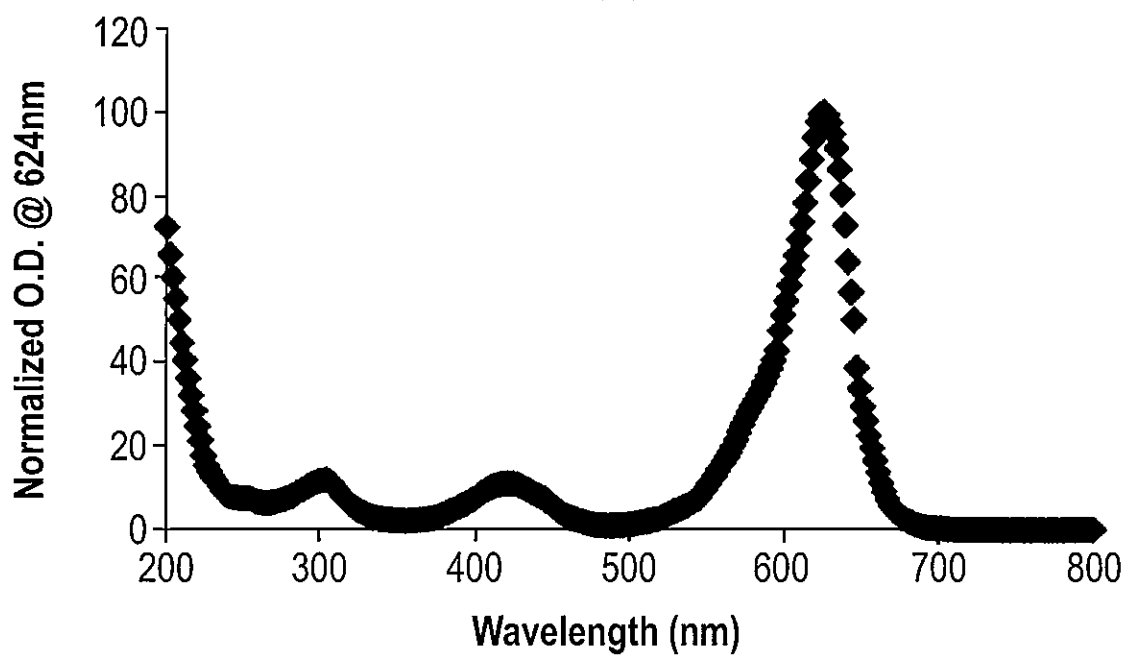
FIG. 6(I)**FIG. 6(J)**

FIG. 6(K)