

# Illuminate the Full Spectrum of Possibilities

A broad portfolio of high-quality fluorophores to suit your specific scientific needs

Vector Laboratories offers a **diverse catalog** of fluorescent dyes engineered to support a wide range of applications

With multiple chemistries for easy conjugation to a variety of biomolecules, Vector fluorophores meet a wide range of scientific research needs. Our portfolio includes high-performance dyes with equivalency to leading industry products, covering the **full spectral range** from UV to near-infrared, and featuring multiple reactive groups for versatile labeling. Backed by robust technical support, rigorous quality standards, and scalable manufacturing, Vector Laboratories ensures **cost-effective solutions** for research and development in academia and industry.



## Comprehensive Product Portfolio

An array of functionalized fluorophores for numerous applications

- Broad spectral coverage
- A wide selection of reactive groups and fluorescent dye types
- Unique performance characteristics



## Superior Quality & Consistency

Enhanced performance backed by detailed quality documentation and batch records

- High purity
- Lot-to-lot consistency
- Experienced technical support



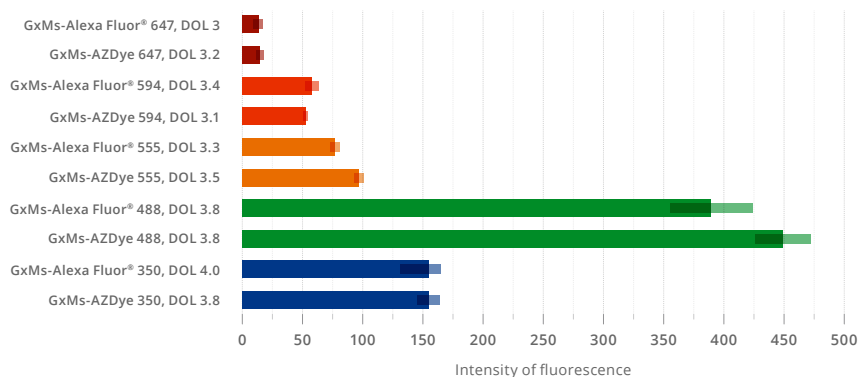
## Cost-Effective Research Solutions

Economized material costs without sacrificing performance

- Affordable alternatives to popular brands with comparable results
- Flexible sizing to fit a variety of project budgets

The portfolio includes **high-performance cost-effective dyes** with equivalency to leading industry products like AlexaFluor®. We cover the full spectral range, from UV to near-infrared, and feature multiple reactive groups for versatile labeling. Backed by robust technical support, rigorous quality standards, and scalable manufacturing, Vector Laboratories ensures budget friendly research solutions for academia and industry.

ELISA, detection of Mouse IgG  
ELISA, 0.3 µg/ml target IgG, 2 µg/ml detection IgG



## Vector Laboratories' AZDye™ vs Alexa Fluor® Performance: Fluorescent Intensity

Data demonstrate that AZDyes™ from Vector Laboratories offer comparable performance and structural characteristics to Alexa Fluor®, at a fraction of the price. AZDyes™ enable **high fluorescent intensity**, enhanced photostability, spectral breadth, multiple conjugation options, and our robust quality system for a range of research budgets.



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