

The **ChemiDoc** gel and membrane imaging system is designed for high-resolution imaging of gels and membranes used in protein and nucleic acid analysis. The ChemiDoc system can detect and capture optical-colorimetric signals as well as signals based on electrochemiluminescence (ECL) staining. The key *features* of this system are: **1. Imaging of DNA/RNA and protein gels** (agarose, polyacrylamide gels), **2. Chemiluminescence and detection of various stains (Membrane analysis** for Western, Dot, Southern blotting, etc., utilizing compatible reagents). The *functionalities* of this platform are **i. High Sensitivity and Resolution** (Detection of low-intensity signal bands), **ii. High-resolution analysis for precise quantification**, **iii. Advanced Software** (Image Lab Software for automated analysis and quantification), **iv. Data normalization capability** (Compatibility with various data export formats), **v. User-Friendly Operation** (Easy-to-use interface), **vi. Fast imaging process**, **vii. Versatile Usage** (Supports multiple gel and membrane sizes), **viii. Compatible with various detection methods** (e.g., ECL, SYBR Safe, Coomassie).



Additionally, our laboratory has extensive experience in conducting protein and DNA analyses on various sample types (cell lysates, biological fluids, etc.) for detecting specific proteins or DNA sequences using immunological and other techniques. We offer full sample analysis services, from electrophoresis and blotting to image capture using the automated ChemiDoc system.

**Request a quote**

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