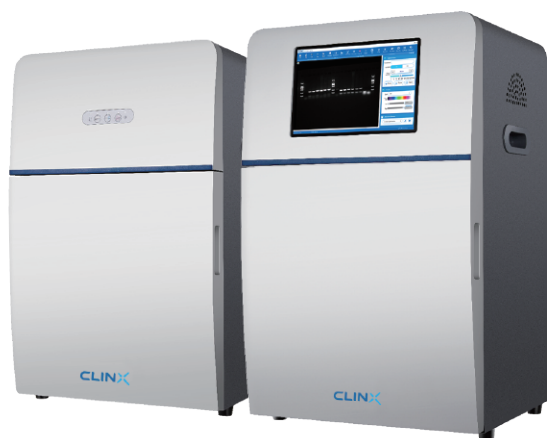


凝胶成像系统



产品亮点

- GenoSens系列凝胶成像采集分析系统主要用于对核酸和蛋白质凝胶电泳图像等的分析研究。
- 高分辨率和高灵敏度的相机可以保证在低照度下不丢失条带。
- 全自动电脑控制，高程序化，做到操作简单，方便实用。
- 功能齐全的凝胶图像分析软件有助于研究人员准确、迅速得到电泳照片和分析结果，帮助广大从事分子生物学和医院临床的研究人员摆脱繁琐操作过程，提高工作效率。

产品应用

核酸检测

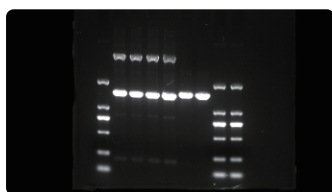
各种核酸染料, 如Ethidium Bromide、Gel Signal Red、Gel Signal Green、SYBR Gold、SYBR Green、SYBR Safe、GelStar等标记的DNA/RNA检测。

蛋白检测

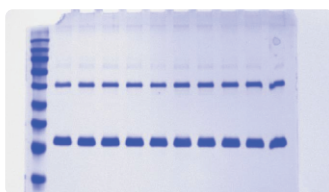
考马斯亮蓝胶、银染胶。

其他应用

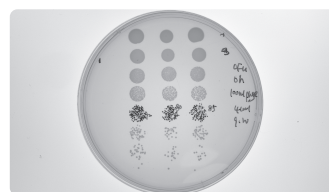
培养皿菌落成像等。



01
核酸胶



02
考染蛋白胶



03
菌落



上海勤翔科学仪器有限公司
上海市宝山区淞兴西路258号5C-102

电话:+86 21 6533 2202
传真:+86 21 6679 0200

邮箱: info@clinx.cn
网址: www.clinx.cn

产品特点

相机	采用高灵敏度和高分辨率的数字相机，成像细致清晰、背景噪声低、动态范围高，可检测低浓度的DNA/RNA和识别区分出非常接近的条带。
镜头	具有快速自动聚焦功能的高解像力变焦镜头，提供清晰的图像细节,具有镜头数字量化功能、放缩倍数、光圈大小数字化，提高操作体验并且避免人为操作误差。
紫外透照台	302nm紫外灯管，无灯影设计,去除灯管灯影干扰，成像和切胶时提供干净背景，配置专业切胶防护装置。
蓝光透照台	超薄LED蓝光透照台，470nmLED冷光源，蓝光板上可以触摸调节光强，钢化玻璃表面，防腐蚀防刮擦，用于DNA/RNA凝胶蓝光下检测。
白光透照台	超薄LED白光透照台，LED冷光源，白光板上可以触摸调节光强，钢化玻璃表面，防腐蚀防刮擦，用于考染和银染的蛋白胶。
荧光模块	搭载8位电动滤镜轮，可配置多种波长滤光片，实现多色荧光成像。
模块化设计	具有多种配置和模块可供选择，满足您多应用需求， 并支持后期升级。
操控方式	触摸屏 / 外接电脑一键切换方案，满足不同使用人员操作习惯。

GenoSens图像采集分析软件

软件特色



软件介绍

- 01 软件主要具有图像采集、图像分析、审计追踪等功能模块，提供账户多级管理系统，便于仪器的使用管理。
- 02 软件操作简便快捷，集相机自动控制、图像采集、光源控制、镜头调整多功能于一体，适于核酸和蛋白质凝胶图像的采集与分析。
- 03 GenoSens图像采集分析软件系我公司自主设计开发，并取得软件相关知识产权。



上海勤翔科学仪器有限公司
上海市宝山区淞兴西路258号5C-102

电话:+86 21 6533 2202
传真:+86 21 6679 0200

邮箱: info@clinx.cn
网址: www.clinx.cn

标注使用勤翔产品的部分文献

- A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity, *Nature*, 2020
- Teosinte ligule allele narrows plant architecture and enhances high-density maize yields, *Science*, 2019
- Pore architecture of TRIC channels and insights into their gating mechanism, *Nature*, 2016
- YAP drives fate conversion and chemoresistance of small cell lung cancer, *Science Advances*, 2021, 7(40): eabg1850 13.117
- Co-delivery of IOX1 and doxorubicin for antibody-independent cancer chemo-immunotherapy, *Nature communications*, 2021, 12(1): 1-17. 12.353
- GCG inhibits SARS-CoV-2 replication by disrupting the liquid phase condensation of its nucleocapsid protein, *Nature communications*, 2021, 12(1): 1-14. 12.353
- Fluorescent on-site detection of multiple pathogens using smartphone-based portable device with paper-based isothermal amplification chip, *Microchimica Acta* volume, 2022.8.16
- A cryostat-based frozen section method to increase the yield of extracellular vesicles extracted from different tissues, *BIOTECHNIQUES*, 2022.08.10
- Near-Infrared Light-Controlled and Real-Time Detection of Osteogenic Differentiation in Mesenchymal Stem Cells by Upconversion Nanoparticles for Osteoporosis Therapy, *ACS NANO*, 2022.05.15
- Near-Infrared Light-Controlled Activation of Adhesive Peptides Regulates Cell Adhesion and Multidifferentiation in Mesenchymal Stem Cells on an Up-Conversion Substrate, *Nano Letters*, 2022.03
- pH-responsive delivery of H₂ through ammonia borane-loaded mesoporous silica nanoparticles improves recovery after spinal cord injury by moderating oxidative stress and regulating microglial polarization, *Regenerative Biomaterials*, 2021.12
- Generation and characterization of stable pig pregastrulation epiblast stem cell lines, *Cell Research*, 2021: 1-18 25.6.
- pH-responsive delivery of H₂ through ammonia borane-loaded mesoporous silica nanoparticles improves recovery after spinal cord injury by moderating oxidative stress and regulating microglial polarization, *Regenerative Biomaterials*, Volume 8, Issue 6, Dec 2021, Published: 15 Nov. 2021
- A small and highly sensitive red/far-red optogenetic switch for applications in mammals, *Nature Biotechnology*, 2021: 1-11. 50
- The self-assembled nanoparticle-based trimeric RBD mRNA vaccine elicits robust and durable protective immunity against SARS-CoV-2 in mice, *Signal transduction and targeted therapy*, 2021, 6(1): 1-11 18.18
- Virus-mimetic DNA-ejecting polyplexes for efficient intracellular cancer gene delivery, *Nano Today*, 2021, 39: 101215. 20.722
- Global identification of phospho-dependent SCF substrates reveals a FBXO22 phosphodegron and an ERK-FBXO22-BAG3 axis in tumorigenesis, *Cell Death & Differentiation*, 2021: 1-13 15.8
- Horizontal gene transfer and gene duplication of β -fructofuranosidase confer lepidopteran insects metabolic benefits, *Molecular Biology and Evolution*, 2021. 16.240
- Genetic hybridization of highly active exogenous functional proteins into silk-based materials using “light-clothing” strategy,



上海勤翔科学仪器有限公司
上海市宝山区淞兴西路258号5C-102

电话:+86 21 6533 2202
传真:+86 21 6679 0200

邮箱: info@clinx.cn
网址: www.clinx.cn