

DATASHEET · IMAGING & ANALYSIS

Fluorescent Quantitative PCR Detection System.

SKU BIO-0652 Spec v1 Rev. 2026-07-09

DATASHEET · P
BIO-
 Rev 2026



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

AUTOMATION LEVEL	semi-automated	SAMPLE CAPACITY	96*0.1ml PCR plate, 12*8-strip 96*0.1ml single tube (Transparent Cover)
REACTION SYSTEM	5~50µl	DYNAMICS RANGE	1~10 ¹⁰ copies
CHANNEL	4	EMISSION LIGHT	LED
DETECTOR	PD	EXCITATION WAVELENGTH	455~650nm
DETECTION WAVELENGTH	510~710nm	FLUORESCENCE DETECTION REPEATABILITY	CV≤3%
FLUORESCENCE DETECTION ACCURACY	CV≤5%	FLUORESCENCE DETECTION LINEARITY	r≥0.995
MODULE TEMP. RANGE	4~105℃	RAMP RATE	7.0℃/s(max)
TEMP. ACCURACY	±0.5℃	BRAND	ConductScience
RESEARCH DOMAIN	Cell Biology, Clinical Diagnostics, Environmental Monitoring, Food Science, Microbiology, PCR and Genomics, Pharmaceutical QC	DIMENSIONS L×W×H (MM)	37.5 × 37.5 × 50.5
WEIGHT (KG)	28.0	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
	Scope. Fluorescent Quantitative PCR Detection System	BIO-0652
	INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM	BIO-0652 · DATASH

DATASHEET · IMAGING & ANALYSIS

Fluorescent Quantitative PCR Detection System.

SKU BIO-0652 Spec v1 Rev. 2026-07-09

DATASHEET · P

BIO-

Rev 2026

BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Fluorescent Quantitative PCR Detection System

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

DATASHEET · IMAGING & ANALYSIS

Fluorescent Quantitative PCR Detection System.

SKU BIO-0652 Spec v1 Rev. 2026-07-09

DATASHEET · P
BIO-
Rev 2026

OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
---------	-------------	-------------

Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience BIO-0652, Spec v1, 2026-07-09. conductscience.com/lab/fluorescent-quantitative-pcr-detection-system

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

BIO-0652 · DATASH