

Al-Hami

Medical Equipment LLC

Products Catalogue

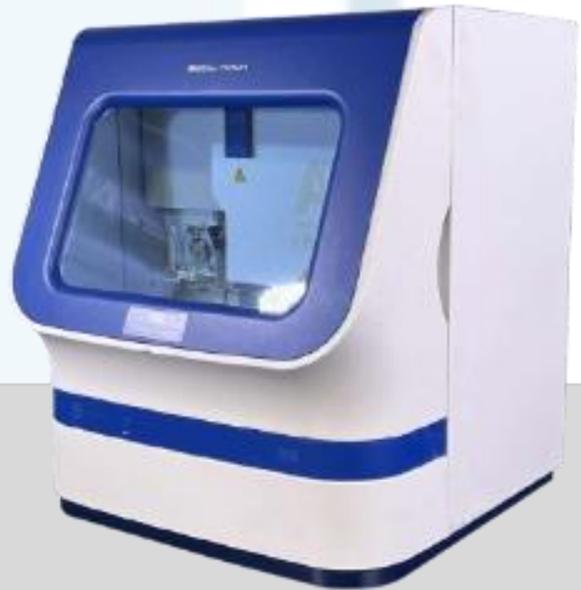
Sequencer



Al-Hami
Medical Equipment L.L.C

AB applied
biosystems™

GENE SEQUENCER



ABI 3500 XL

Technology	Capillary electrophoresis		
No of Capillaries	24	Sample TP	≥1100 S/day
Dye Detection	6 Fluorescent	Run Time	≤30 minutes
Read length	≥850 bases	Plate Capacity	96 /386 plate

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biosystems™

GENE SEQUENCER



ABI 3130 XL

Technology	Capillary electrophoresis		
No of Capillaries	16	Sample TP	≥384 S/day
Dye Detection	4-5 Fluorescent	Run Time	30-60 mints
Read length	≥850-1000bases	Plate Capacity	96 plate

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illumina

GENE SEQUENCER

HiSeq 4000



Technology	(NGS), Sequencing-by-Synthesis (SBS)		
No. of Capillaries	flow-cell based	Sample TP	3–4 billion reads/run
Dye Detection	4 Fluorescent	Run Time	depending on kit
Read length	Up to 2 × 150 bp	Plate Capacity	8 lanes



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GENE SEQUENCER

HiSeq 2500



Technology	(NGS), Sequencing-by-Synthesis (SBS)		
No. of Capillaries	flow-cell based	Sample TP	3–4 billion reads/run
Dye Detection	4 Fluorescent	Run Time	depending on kit
Read length	Up to 2 × 250 bp	Flow Cell Lanes	8 lanes

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GENE SEQUENCER



MiSeq

Technology	(NGS), Sequencing-by-Synthesis (SBS)		
No. of Capillaries	flow-cell based	Sample TP	25 million reads/run
Dye Detection	4 Fluorescent	Run Time	depending on kit
Read length	Up to 2 × 300 bp	Flow Cell Lanes	Single Flow Cell

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ThermoFisher
SCIENTIFIC

GENE SEQUENCER

**Ion
GeneStudi™
S5**



Technology	(NGS), Semiconductor sequencing – Ion Torrent tech.		
No. of Capillaries	chip-based based	Sample TP	2-80 million reads/run
Dye Detection	pH-based nucleotide detection	Flow Cell Lanes	Single Flow Cell
Read length	Up to ~400 bp	Run Time	2-4 Hours

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ThermoFisher
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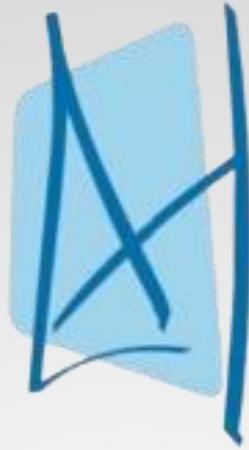
GENE SEQUENCER



Ion Torrent

Technology	Semiconductor sequencing		
No. of Capillaries	chip-based based	Sample TP	2-5 million reads/run
Dye Detection	pH-based nucleotide detection	Flow Cell Lanes	Single Flow Cell
Read length	200-400 bp	Run Time	2-4 Hours

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info@alhamico.com



+971-50 - 8507636