

Sage Science Product Guide

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| PRODUCT NUMBER | MS PRODUCT NAME | DESCRIPTION |
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| PIPPIN PREP CASSETTES - Internal Standards/ Ethidium-Free | | |
| SSC-CDF1510 | 1.5% Agarose, dye-free, with internal standards | 10 pack, Marker K. Pippin Prep 250 bp -1.5kb. Includes: Cassettes & Reagents |
| SSC-CDF1503 | 1.5% Agarose, dye-free, with internal standards | 3 pack, Marker K. Pippin Prep, 250 bp -1.5kb. Includes: Cassettes & Reagents |
| SSC-CDF1550 | 1.5% Agarose, dye-free, with internal standards | 50 pack, Marker K (Supplied as 5 x CDF1510). Pippin Prep, 250 bp -1.5kb. Includes: Cassettes & Reagents |
| SSC-CDF2010 | 2% Agarose, dye-free, with internal standards | 10 pack, Marker L. Pippin Prep, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CEF2010 | 2% agarose, ethidium-free | 10 pack, Marker E. Extracts targets between 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CDF2003 | 2% Agarose, dye-free, with internal standards | 3 pack, Marker L. Pippin Prep, 100 - 600 bp. Includes: Cassettes & Reagents |
| SSC-CEF2003 | 2% agarose, ethidium-free | 3 pack, Marker E. Extracts targets between 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CDF2050 | 2% Agarose, dye-free, with internal standards | 50 pack, Marker L (Supplied as 5 x CDF2010). Pippin Prep, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CEF2050 | 2% agarose, ethidium-free | 50 pack, Marker E (Supplied as 5 x CEF2010). Extracts targets between 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CDP3010 | 3% Agarose, dye-free, with internal standards | 10 pack, Marker P. Pippin Prep, 100-250 bp. Includes: Cassettes & Reagent |
| SSC-CDP3003 | 3% Agarose, dye-free, with internal standards | 3 pack, Marker P. Pippin Prep, 100-250 bp. Includes: Cassettes & Reagent |
| SSC-CDP3050 | 3% Agarose, dye-free, with internal standards | 50 pack, Marker P (Supplied as 5 x CDP3010). Pippin Prep, 100-250 bp. Includes: Cassettes & Reagent |
| PIPPIN PREP CASSETTES - With Ethidium Bromide | | |
| SSC-CSD1510 | 1.5% agarose, with ethidium bromide | 10 pack, Marker A. Extracts targets between 250bp-1.5kb. Includes: Cassettes & Reagent |
| SSC-CSD1503 | 1.5% agarose with ethidium bromide | 3 pack, Marker A. Extracts targets between 0.3 - 1.5 kb. Includes: Cassettes & Reagent |
| SSC-CSD1550 | 1.5% agarose with ethidium bromide | 50 pack, Marker A (Supplied as CSD1510). Extracts targets between 0.3 - 1.5 kb. Includes: Cassettes & Reagent |
| SSC-CSD2010 | 2% agarose with ethidium bromide | 10 pack, Marker B. Extracts targets between 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CSD2003 | 2% agarose with ethidium bromide | 3 pack, Marker B. Extracts targets between 100 - 600 bp. Includes: Cassettes & Reagent |

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| SSC-CSD2050 | 2% agarose with ethidium bromide | 50 pack, Marker B (Supplied as CSD2010). Extracts targets between 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-CSD3010 | 3% agarose, with ethidium bromide | 10 pack, Marker C. Extracts targets between 90 - 250 bp. Includes: Cassettes & Reagent |
| SSC-CSD3003 | 3% agarose, with ethidium bromide | 3 pack, Marker C. Extracts targets between 90 - 250 bp. Includes: Cassettes & Reagent |
| SSC-CSD3050 | 3% agarose, with ethidium bromide | 50 pack, Marker C (Supplied as 5 x CSD3010). Extracts targets between 90 - 250 bp. Includes: Cassettes & Reagent |
| PIPPIN PREP CASSETTES - Reagent Replacement Kits | | |
| SSC-RIK1510 | CDF1510 reagent replacement kit | for 10 cassettes, Marker K |
| SSC-RIK2010 | CDF2010 reagent replacement kit | for 10 cassettes, Marker L |
| SSC-RIP3010 | CDF3010 reagent replacement kit | for 10 cassettes, Marker P |
| SSC-REK2010 | CEF2010 reagent replacement kit | for 10 cassettes, Marker E |
| SSC-RPK1510 | CSD1510 reagent replacement kit | for 10 cassettes, Marker A |
| SSC-RPK2010 | CSD2010 reagent replacement kit | for 10 cassettes, Marker B |
| SSC-RPK3010 | CSD3010 reagent replacement kit | for 10 cassettes, Marker C |
| BLUEPIPPIN CASSETTES - Internal Standards | | |
| SSC-BDF1510 | 1.5% Agarose, dye-free, with internal standards | 10 pack, Marker R2. BluePippin, 250 bp -1.5 kb. Includes: Cassettes & Reagent |
| SSC-BDF1503 | 1.5% Agarose, dye-free, with internal standards | 3 pack, Marker R2. BluePippin, 250 bp -1.5 kb. Includes: Cassettes & Reagent |
| SSC-BDF1550 | 1.5% Agarose, dye-free, with internal standards | 50 pack, Marker R2 (Supplied as 5 x BDF1510). BluePippin, 250 bp -1.5 kb. Includes: Cassettes & Reagent |
| SSC-BDF2010 | 2% Agarose, dye-free, with internal standards | 10 pack, Marker V1. BluePippin, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-BDF2003 | 2% Agarose, dye-free, with internal standards | 3 pack, Marker V1. BluePippin, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-BDF2050 | 2% Agarose, dye-free, with internal standards | 50 pack, Marker V1 (Supplied as 5 x BDF2010). BluePippin, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-BDQ3010 | 3% Agarose, dye-free, with internal standards | 10 pack, Marker Q3. BluePippin, 100-250 bp. Includes: Cassettes & Reagent |
| SSC-BDQ3003 | 3% Agarose, dye-free, with internal standards | 3 pack, Marker Q3. BluePippin, 100-250 bp. Includes: Cassettes & Reagent |
| SSC-BDQ3050 | 3% Agarose, dye-free, with internal standards | 50 pack, Marker Q3 (Supplied as 5 x BDQ3010). BluePippin, 100-250 bp. Includes: Cassettes & Reagent |
| BLUEPIPPIN CASSETTES - External Standards | | |
| SSC-PAC20KB | 0.75% Agarose, Dye Free, PacBio ~20kb templates | 10 pack, Marker S1. Includes: Cassettes & Reagent |
| SSC-BLF7510 | 0.75% Agarose, dye-free with external markers | 10 pack, Marker S1. BluePippin, low range, 1-10 kb. Includes: Cassettes & Reagent |
| SSC-BLF7503 | 0.75% Agarose, dye-free with external markers | 3 pack, Marker S1. BluePippin, low range, 1-10 kb. Includes: Cassettes & Reagent |
| SSC-BLF7550 | 0.75% Agarose, dye-free with external markers | 50 pack, Marker S1 (Supplied as 5 x BLF7510). BluePippin, low range, 1-10 kb. Includes: Cassettes & Reagent |
| SSC-PAC30KB | 0.75% Agarose, Dye Free, PacBio 30-40kb templates | 10 pack, Marker U1. Includes: Cassettes & Reagent |
| SSC-BUF7510 | 0.75% Agarose, dye-free with external markers | 10 pack, Marker U1. BluePippin, mid range, 10-18 kb. Includes: Cassettes & Reagent |

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| SSC-BUF7503 | 0.75% Agarose, dye-free with external markers | 3 pack, Marker U1. BluePippin, mid range, 10-18 kb. Includes: Cassettes & Reagent |
| SSC-BUF7550 | 0.75% Agarose, dye-free with external markers | 50 pack, Marker U1 (Supplied as 5 x BUF7510). BluePippin, mid range, 10-18 kb. Includes: Cassettes & Reagent |
| SSC-BMF7510 | 0.75% Agarose, dye-free with external markers | 10 pack, Marker T1. BluePippin, high range, 18-27 kb. Includes: Cassettes & Reagent |
| SSC-BMF7503 | 0.75% Agarose, dye-free with external markers | 3 pack, Marker T1. BluePippin, high range, 18-27 kb. Includes: Cassettes & Reagent |
| SSC-BMF7550 | 0.75% Agarose, dye-free with external markers | 50 pack, Marker T1 (Supplied as 5 x BMF7510). BluePippin, low range, 18-27 kb. Includes: Cassettes & Reagent |
| SSC-BHZ7510 | 0.75% Agarose, dye-free with external standards | 10 pack, Marker Z1. BluePippin, high range, 18-27 kb. Includes: Cassettes & Reagent |
| SSC-BHZ7503 | 0.75% Agarose, dye-free with external standards | 3 pack, Marker Z1. BluePippin, 50 kb. Includes: Cassettes & Reagent |
| SSC-BHZ7550 | 0.75% Agarose, dye-free with external standards | 50 pack, Marker Z1 (Supplied as 5 x BHZ7510). BluePippin, 50 kb. Includes: Cassettes & Reagent |
| SSC-BEF2010 | 2% Agarose, dye-free, with external standards | 10 pack, Marker M1. BluePippin, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-BEF2003 | 2% Agarose, dye-free, with external standards | 3 pack, Marker M1. BluePippin, 100 - 600 bp. Includes: Cassettes & Reagent |
| SSC-BEF2050 | 2% Agarose, dye-free, with external standards | 50 pack, Marker M1 (Supplied as 5 x BEF2010). BluePippin, 100 - 600 bp. Includes: Cassettes & Reagent |

BLUEPIPPIN CASSETTES - High Pass Plus

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| SSC-BPLUS10 | High Pass Plus, for >15kb and 20kb HP | 10 pack, Marker U1. Includes: Cassettes & Reagent |
| SSC-BPLUS03 | High Pass Plus, for >15kb and 20kb HP | 3 pack, Marker U1. Includes: Cassettes & Reagent |
| SSC-BPLUS50 | High Pass Plus, for >15kb and 20kb HP | 50 pack, Marker U1. Includes: Cassettes & Reagent |

BLUEPIPPIN CASSETTES - Reagent Replacement Kits

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| SSC-RBF1510 | BDF1510 reagent replacement kit | for 10 cassettes, Marker R2 |
| SSC-RBQ3010 | BDF3010 reagent replacement kit | for 10 cassettes, Marker Q3 |
| SSC-RBE2010 | BEF2010 reagent replacement kit | for 10 cassettes, Marker M1 |
| SSC-RBF7510 | BLF7510 reagent replacement kit | for 10 cassettes, Marker S1 |
| SSC-RMF7510 | BMF7510 reagent replacement kit | for 10 cassettes, Marker T1 |
| SSC-RBF2010 | BDF2010 reagent replacement kit | for 10 cassettes, Marker V1 |
| SSC-RUK7510 | BUF7510 reagent replacement kit | for 10 cassettes Marker U1 |
| SSC-ZHF7510 | BHZ7510 reagent replacement kit | for 10 cassettes Marker Z2 |

PIPPIN PREP & BLUEPIPPIN - DNA Control Kits

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| SSC-CHP7504 | DNA for Validation of 0.75% PacBio Agarose Cassettes | external marker S1, 16 loads |
| SSC-CON7504 | DNA for Validation of 0.75% Agarose Cassettes | external marker 2-10kb, 16 loads |
| SSC-CON1504 | DNA for Validation of 1.5% Agarose Cassettes | external marker, 1 tube, 16 loads |
| SSC-CON2004 | DNA for Validation of 2% Agarose Cassettes | external marker, 1 tube, 16 loads |
| SSC-CON3004 | DNA for Validation of 3% Agarose Cassettes | external marker, 1 tube, 16 loads |
| SSC-CON7604 | DNA for Validation of 0.75% Agarose Cassettes | 18-27kb. 16 loads |
| SSC-CIS1504 | DNA for Validation of 1.5% Agarose Cassettes | internal standards, 1 tube, 16 loads |
| SSC-CIS2004 | DNA for Validation of 2% Agarose Cassettes | with int. stds. 16 loads. |
| SSC-CIS3004 | DNA for Validation of 3% Agarose Cassettes | internal standards, 1 tube, 16 loads |

ELECTROPHORETIC LATERAL FRACTIONATOR (ELF) CASSETTES

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| SSC-ELD7510 | 0.75% Agarose DNA ELF cassette | 10 pack, Marker 75. Includes: Cassettes & Reagent |
| SSC-ELD7504 | 0.75% Agarose DNA ELF cassette | 4 pack, Marker 75. Includes: Cassettes & Reagent |
| SSC-ELD7550 | 0.75% Agarose DNA ELF cassette | 50 pack, Marker 75 (Supplied as 5 x ELD7510). Includes: Cassettes & Reagent |
| SSC-ELD4010 | 0.75% Agarose DNA ELF cassette | 10 pack, Marker 40. Includes: Cassettes & Reagent |
| SSC-ELD4050 | 0.75% Agarose DNA ELF cassette | 10 pack, Marker 40. Includes: Cassettes & Reagent |
| SSC-ELD4004 | 0.75% Agarose DNA ELF cassette | 4 pack, Marker 40. Includes: Cassettes & Reagent |
| SSC-ELD2010 | 2% Agarose DNA ELF cassette | 10 pack, Marker 02. Includes: Cassettes & Reagent |
| SSC-ELD2004 | 2% Agarose DNA ELF cassette | 4 pack, Marker 02. Includes: Cassettes & Reagent |
| SSC-ELD2050 | 2% Agarose DNA ELF cassette | 50 pack, Marker 02 (Supplied as 5 x ELD2010). Includes: Cassettes & Reagent |
| SSC-ELP3010 | 3% Agarose SDS Protein ELF cassette | 10 pack, Marker 03. Includes: Cassettes & Reagent |
| SSC-ELP5010 | 5% Agarose SDS Protein ELF cassette | 10 pack, Marker 05. Includes: Cassettes & Reagent |
| SSC-ELP3004 | 3% Agarose SDS Protein ELF cassette | 4 pack, Marker 03. Includes: Cassettes & Reagent |
| SSC-ELP5004 | 5% Agarose SDS Protein ELF cassette | 4 pack, Marker 05. Includes: Cassettes & Reagent |

ELECTROPHORETIC LATERAL FRACTIONATOR (ELF) CASSETTES - DNA Control Kits

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| SSC-CDE7504 | SageELF control DNA 0.75% agarose LMW 4 cassettes | |
| SSC-CDE2004 | SageELF control DNA 2% agarose for 4 cassettes | |

ELECTROPHORETIC LATERAL FRACTIONATOR (ELF) CASSETTES - Reagent Replacement Kits

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| SSC-RED2010 | ELD2010 reagent replacement kit | for 10 cassettes, Marker 02 |
| SSC-RED7510 | ELD7510 reagent replacement kit | for 10 cassettes, Marker 75 |
| SSC-RED4010 | ELD7510 reagent replacement kit | for 10 cassettes, Marker 40 |
| SSC-REP5010 | ELP5010 replacement kit | for 5% SDS agarose protein fractionation for 10 cassettes, marker 05 |
| SSC-REP3010 | ELP3010 replacement kit | for 5% SDS agarose protein fractionation for 10 cassettes, marker 03 |

PIPPIN-HT CASSETTES

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| SSC-HTC1510 | HT 1.5% Cassettes w Internal Standards | 10 pack, Marker 15C. Includes: Cassettes & Reagent |
| SSC-HTC1504 | HT 1.5% Cassettes with Internal Standards | 4 pack, Marker 15C. Includes: Cassettes & Reagent |
| SSC-HTC1550 | HT 1.5% Cassettes with Internal Standards | 50 pack, Marker 15C (Supplied as 5 x HTC1510). Includes: Cassettes & Reagent |
| SSC-HTC2010 | HT 2% Cassettes with Internal Standards | 10 pack, Marker 20B. Includes: Cassettes & Reagent |
| SSC-HTC2004 | HT 2% Cassettes with Internal Standards | 4 pack, Marker 20B. Includes: Cassettes & Reagent |
| SSC-HTC2050 | HT 2% Cassettes with Internal Standards | 50 pack, Marker 20B (Supplied as 5 x HTC2010). Includes: Cassettes & Reagent |
| SSC-HTG3010 | HT 3% Cassettes with Internal Standards | 10 pack, Marker 30G. Includes: Cassettes & Reagent |
| SSC-HTG3004 | HT 3% Cassettes with Internal Standards | 4 pack, Marker 30G. Includes: Cassettes & Reagent |
| SSC-HTG3050 | HT 3% Cassettes with Internal Standards | 50 pack, Marker 30G (Supplied as 5 x HTG3010). Includes: Cassettes & Reagent |

PIPPIN-HT CASSETTES - External Standards Only

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| SSC-HPD7510 | HT .75% Cassettes with Marker 75D | 10 pack, 6-10kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPD7504 | HT .75% Cassettes with Marker 75D | 4 pack, 6-10kb High-Pass. Includes: Cassettes & Reagent |

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| SSC-HPD7550 | HT .75% Cassettes with Marker 75D | 50 pack (Supplied as 5 x HPD7510). 6-10kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPE7510 | HT .75% Cassettes with Marker 75E | 10 pack, 15-20kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPE7504 | HT .75% Cassettes with Marker 75E | 4 pack, 15-20kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPE7550 | HT .75% Cassettes with Marker 75E | 50 pack (Supplied as 5 x HPE7510). 15-20kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPF7510 | HT .75% Cassettes with Marker 75F | 10 pack, 30-40kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPF7504 | HT .75% Cassettes with Marker 75F | 4 pack, 30-40kb High-Pass. Includes: Cassettes & Reagent |
| SSC-HPF7550 | HT .75% Cassettes with Marker 75F | 50 pack (Supplied as 5 x HPF7510). 30-40kb High-Pass. Includes: Cassettes & Reagent |
| PIPPIN-HT CASSETTES - DNA Control Kits | | |
| SSC-CDH7504 | PippinHT control DNA .75% agarose for 4 cassettes | |
| SSC-CDH1504 | PippinHT control DNA 1.5% agarose for 4 cassettes | |
| SSC-CDH2004 | PippinHT control DNA 2% agarose for 4 cassettes | |
| SSC-CDH3004 | PippinHT control DNA 3% agarose for 4 cassettes | |
| PIPPIN-HT CASSETTES - Reagent Replacement Kits | | |
| SSC-RHG3010 | HTC3010 replacement kit for 10 cassettes | Marker 30G |
| SSC-RHT2010 | HTC2010 replacement kit for 10 cassettes | Marker 20B |
| SSC-RHT1510 | HTC1510 replacement kit for 10 cassettes | Marker 15C |
| SSC-RHD7510 | HTC7510 replacement kit for 10 cassettes | Marker 75D |
| SSC-RHE7510 | HTC7510 replacement kit for 10 cassettes | Marker 75E |
| SSC-RHF7510 | HTC7510 replacement kit for 10 cassettes | Marker 75F |
| SAGE-HLS | | |
| SSC-HEX0004 | SageHLS HMW DNA extraction kit. | Includes 4 gel cassettes and reagents to process 8 samples using NEB Fragmentase enzyme. |
| SSC-HEX0012 | SageHLS HMW DNA extraction kit. | Includes 12 gel cassettes and reagents to process 24 samples using NEB Fragmentase enzyme. |
| SSC-HIT0004 | SageHLS targeted HMW DNA isolation kit. | Includes 4 gel cassettes and reagents to process 8 samples using CRIPR/Cas9. |
| SSC-HIT0012 | SageHLS targeted HMW DNA isolation kit. | Includes 12 gel cassettes and reagents to process 24 samples using CRIPR/Cas9. |
| SSC-CELECO1 | E.coli cell suspension kit for SageHLS. | Includes reagents to process 24 samples. |
| SSC-CELWB1 | Mammalian White Blood cell suspension kit | for SageHLS. For use with the Pippin Pulse |
| SSC-REX0004 | .75% SageHLS Reagent Kit, HEX0004 | 4 pack |
| SSC-REX0012 | .75% SageHLS Reagent Kit, HEX00012 | 12 pack |
| SSC-RIT0004 | .75% SageHLS Reagent Kit, HIT0004 | 4 pack |
| SSC-RIT0012 | .75% SageHLS Reagent Kit, HIT00012 | 12 pack |
| Other Reagents/Consumables/Accessories | | |
| SSC-HCF0001 | Optical Calibration fixture for PippinHT | |
| SSC-BCF0001 | Optical Calibration fixture for BluePippin | |
| SSC-PCF0001 | Optical Calibration fixture for Pippin Prep | |
| SSC-ECF0001 | Optical Calibration fixture for SageELF | |

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| SSC-KBB1001 | 1L bottle of 10X KBB buffer | For use with the Pippin Pulse |
| SSC-190039 | Pippin Electrophoresis Buffer | 60mL |
| SSC-190132 | ELF Electrophoresis Buffer | 200mL |
| SSC-720081 | ELF Elution Tape | 50 pack |
| SSC-TPE0050 | Pippin Elution Tape | 50 pack |
| SSC-720091 | PippinHT Elution Tape | 50 pack |



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