

Product Catalog

Research Reagents

Arthus Biosystems is pleased to provide a series of research reagents and kits to help perform scientific research related to methionine cycle, the critical biochemical pathway that is conserved throughout evolution. Both our anti-SAM and SAH antibodies have the best sensitivities, and are meant to specifically bind all forms of SAM and SAH in a variety of studies and species. We also provide verified SAM and SAH conjugates with tracer molecules such as biotin and digoxin to assist you in developing further research methods. We also provided HRP and fluorescent materials conjugated monoclonal antibodies against SAM and SAH for use conveniently and specifically in a variety of immunoassays for the purposes of quantification and intra-cellular or nuclear localization. The immunofluorescence chromatography test strips provide users with yet other ways to quantify SAM and SAH conveniently and quickly. This method has a few advantages including a better sensitivity, broader detection ranges, quick (in 15 minutes) and broader sample types (serum, plasma and whole blood drop).

Catalog #	Name	Description	Packaging	Price
Immunoassay Kits and Strips				
FK00201	SAM FCM 1	S-adenosylmethionine FCM kit with Alexa Fluor® 647	100 tests	\$880
FK00202	SAM FCM 2	S-adenosylmethionine FCM kit with Phycoerythrin (PE)	20 tests	\$420
FK00301	SAH FCM 1	S-adenosylhomocysteine FCM kit with Alexa Fluor® 488	60 tests	\$990
FK00302	SAH FCM 2	S-adenosylhomocysteine FCM kit with Alexa Fluor® 488	20 tests	\$420
IK00201	SAM ELISA	S-adenosylmethionine ELISA kit	96 tests	\$649
IK00201s	SAM ELISA s	S-adenosylmethionine ELISA kit for plasma, serum, or tissue/cell homogenate samples	96 tests	\$699
IK00301	SAH ELISA	S-adenosylhomocysteine ELISA kit	96 tests	\$949
IK00301s	SAH ELISA s	S-adenosylhomocysteine ELISA kit for plasma, serum, or tissue/cell homogenate samples	96 tests	\$1149
IK00202	SAM ELISA 2	S-adenosylmethionine ELISA kit, broad range	96 tests	\$699
IK00202s	SAM ELISA 2s	S-adenosylmethionine ELISA kit for plasma, serum, or tissue/cell homogenate samples, broad range	96 tests	\$799
IK00302	SAH ELISA 2	S-adenosylhomocysteine ELISA kit, broad range	96 tests	\$1049
IK00302s	SAH ELISA 2s	S-adenosylhomocysteine ELISA kit for plasma, serum, or tissue/cell homogenate	96 tests	\$1249

		samples, broad range		
IK00203	SAM ELISA 3	S-adenosylmethionine ELISA kit, broad range	48 tests	\$399
IK00203s	SAM ELISA 3s	S-adenosylmethionine ELISA kit for plasma, serum, or tissue/cell homogenate samples, broad range	48 tests	\$479
IK00303	SAH ELISA 3	S-adenosylhomocysteine ELISA kit, broad range	48 tests	\$599
IK00303s	SAH ELISA 3s	S-adenosylhomocysteine ELISA kit for plasma, serum, or tissue/cell homogenate samples, broad range	48 tests	\$699
IK00401	MAT Activity Assay	Methionine Adenosyltransferase (MAT) activity assay kit	96 tests	\$749
IK00403	MAT Activity Assay 3	Methionine Adenosyltransferase (MAT) activity assay kit	48 tests	\$419
DIA00101	Dry Immunofluorescence Analyzer	SAM and SAH quantitative test strip fluorescence analyzer. Instrument rental is available at \$250/15 days plus shipping.	1 set	\$2500
TS00201s-30	SAM Test Strip	S-adenosylmethionine quantitative test strip	30 tests	\$360
TS00301s-30	SAH Test Strip	S-adenosylhomocysteine quantitative test strip	30 tests	\$360

Antibodies and Conjugates

MA00201-100	Mouse anti-SAM 1b	Mouse monoclonal antibody to S-adenosylmethionine Clone 118-6	100µg	\$600
MA00201-50	Mouse anti-SAM 1a	Mouse monoclonal antibody to S-Adenosylmethionine Clone 118-6	50µg	\$360
MA00202-100	Mouse anti-SAM 2b	Mouse monoclonal antibody to S-Adenosylmethionine Clone 84-3	100µg	\$600
MA00202-50	Mouse anti-SAM 2a	Mouse monoclonal antibody to S-adenosylmethionine Clone 84-3	50µg	\$360
MA00203-50	Mouse anti-SAM 3a	Mouse monoclonal antibody to S-Adenosylmethionine Clone 118-18	50µg	\$200
MA00204-50	Mouse anti-SAM 4a	Mouse monoclonal antibody to S-Adenosylmethionine Clone 84-19	50µg	\$200
PA00201-100	Rabbit anti-SAM b	Rabbit polyclonal antibody to S-Adenosylmethionine	100µg	\$690
PA00201-50	Rabbit anti-SAM a	Rabbit polyclonal antibody to S-Adenosylmethionine	50µg	\$390
MAH00201-50	HRP-anti-SAM 1a	Horseshoe peroxidase (HRP) conjugated anti-SAM monoclonal antibody Clone 118-6	50µg	\$420
MAH00201-100	HRP-anti-SAM 1b	Horseshoe peroxidase (HRP) conjugated anti-SAM monoclonal antibody Clone 118-6	100µg	\$780
MAH00202-50	HRP-anti-SAM 2a	Horseshoe peroxidase (HRP) conjugated anti-SAM monoclonal antibody Clone 84-3	50µg	\$420
MAH00202-100	HRP-anti-SAM 2b	Horseshoe peroxidase (HRP) conjugated anti-SAM monoclonal antibody Clone 84-3	100µg	\$780
MAH00203-50	HRP-anti-SAM 3a	Horseshoe peroxidase (HRP) conjugated anti-SAM monoclonal antibody Clone 118-18	50µg	\$280

MAH00204-50	HRP-anti-SAM 4a	Horseradish peroxidase (HRP) conjugated anti-SAM monoclonal antibody Clone 84-19	50µg	\$280
MAF00201-25	AF647anti-SAM 1a	Alexa Fluor® 647 (AF647) conjugated anti-SAM monoclonal antibody Clone 118-6	25µl	\$500
MAF00201-50	AF647-anti-SAM 1b	Alexa Fluor® 647 (AF647) conjugated anti-SAM monoclonal antibody Clone 118-6	50µl	\$840
MAF00202-50	PE-anti-SAM 1a	Phycoerythrin (PE) conjugated anti-SAM monoclonal antibody Clone 84-3	50µl	\$330
MA00301-100	Mouse anti-SAH 1b	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 301-1	100µg	\$490
MA00301-50	Mouse anti-SAH 1a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 301-1	50µg	\$270
MA00302-50	Mouse anti-SAH 2a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 301-10	50µg	\$150
MA00303-50	Mouse anti-SAH 3a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 301-3	50µg	\$270
MA00304-50	Mouse anti-SAH 4a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 301-16	50µg	\$150
MA00305-100	Mouse anti-SAH 5b	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 844-1	100µg	\$690
MA00305-50	Mouse anti-SAH 5a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 844-1	50µg	\$390
MA00306-100	Mouse anti-SAH 6b	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 844-2	100µg	\$490
MA00306-50	Mouse anti-SAH 6a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 844-2	50µg	\$290
MA00307-100	Mouse anti-SAH 7b	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 839-6	100µg	\$690
MA00307-50	Mouse anti-SAH 7a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 839-6	50µg	\$390
MA00308-50	Mouse anti-SAH 8a	Mouse monoclonal antibody to S-Adenosylhomocysteine Clone 839-12	50µl	\$240
MAH00301-100	HRP-anti-SAH 1b	Horseradish peroxidase (HRP) conjugated anti-SAH monoclonal antibody Clone 301-3	100µg	\$620
MAH00301-50	HRP-anti-SAH 1a	Horseradish peroxidase (HRP) conjugated anti-SAH monoclonal antibody Clone 301-3	50µg	\$360
MAH00302-50	HRP-anti-SAH 2a	Horseradish peroxidase (HRP) conjugated anti-SAH monoclonal antibody Clone 301-16	50µg	\$240
MAH00305-30	HRP-anti-SAH 5a	Horseradish peroxidase (HRP) conjugated anti-SAH monoclonal antibody Clone 844-1	30µg	\$490
MAH00307-30	HRP-anti-SAH 7a	Horseradish peroxidase (HRP) conjugated anti-SAH monoclonal antibody Clone 839-6	30µg	\$490
MAF00301-25	AF488-anti-SAH 1a	Alexa Fluor® 488 (AF488) conjugated anti-SAH monoclonal antibody Clone 301-3	25µl	\$260
MAF00301-50	AF488-anti-SAH 1b	Alexa Fluor® 488 (AF488) conjugated anti-SAH monoclonal antibody Clone 301-3	50µl	\$440
MAF00302-50	AF488-anti-SAH 2a	Alexa Fluor® 488 (AF488) conjugated anti-SAH monoclonal antibody Clone 839-6	50µg	\$360
PA00401-50	Rabbit anti-MAT s	Rabbit anti-methionine adenosyltransferase polyclonal anti-serum	50µl	\$140
PA00402-50	Rabbit anti-MAT g	Rabbit anti-methionine adenosyltransferase polyclonal anti-serum (with glycerol)	50µl	\$140

Compounds and Conjugates

ACT00201-5	PLL-aza-SAM a	Poly-lysine was conjugated to S-adenosylmethionine analog Aza-SAM (AST00201). Coating for 10-20 96-well micro-titer plates.	5µg	\$195
ACT00201-10	PLL-aza-SAM b	Poly-lysine was conjugated to S-adenosylmethionine analog Aza-SAM (AST00201). Coating for 20-40 96-well micro-titer plates.	10µg	\$375
ACT00204-5	BSA-aza-SAM a	Bovine serum Albumin was conjugated to S-adenosylmethionine analog Aza-SAM (AST00201). Coating for 10-20 96-well micro-titer plates.	5µg	\$175
ACT00202-50	Bio-SAM a	Biotin is conjugated to NH ₂ group of S-adenosylmethionine.	50µg	\$160
ACT00202-100	Bio-SAM b	Biotin is conjugated to NH ₂ group of S-adenosylmethionine.	100µg	\$260
ACT00203-50	Bio-6C-SAM 1a	Biotin is conjugated to NH ₂ of SAM through 6-aminohexanoic acid.	50µg	\$290
ACT00203-100	Bio-6C-SAM 1b	Biotin is conjugated to NH ₂ of SAM through 6-aminohexanoic acid.	100µg	\$520
ACT00205-10	Bio-6C-aza-SAM 1a	Biotin is conjugated to the NH ₂ of aza-SAM through 6-aminohexanoic acid.	10µg	\$140
ACT00205-50	Bio-6C-aza-SAM 1b	Biotin is conjugated to the NH ₂ of aza-SAM through 6-aminohexanoic acid.	50µg	\$480
ACT00205-100	Bio-6C-aza-SAM 1c	Biotin is conjugated to the NH ₂ of aza-SAM through 6-aminohexanoic acid.	100µg	\$880
ACT00206-10	Bio-12CN-aza-SAM 1a	Biotin is conjugated to the NH ₂ of aza-SAM through a 10-carbon and 2-nitrogen linker.	10µg	\$180
ACT00206-50	Bio-12CN-aza-SAM 1b	Biotin is conjugated to the NH ₂ of aza-SAM through a 10-carbon and 2-nitrogen linker.	50µg	\$580
ACT00206-100	Bio-12CN-aza-SAM 1c	Biotin is conjugated to the NH ₂ of aza-SAM through a 10-carbon and 2-nitrogen linker.	100µg	\$990
AST00201-1	Aza-SAM a	S-adenosylmethionine analog Aza-SAM standard. Buffer (4 ml) for serial dilution may be supplied.	1ml (500nM)	\$145
AST00201-200	Aza-SAM b	S-adenosylmethionine analog Aza-SAM standard. Buffer (10 ml) for serial dilution may be supplied.	200ul (5µM)	\$275
AST00201-1s	Aza-SAM as	S-adenosylmethionine analog Aza-SAM standard for serum/plasma. Buffer (3.2 ml) for serial dilution may be supplied.	1ml (1µM)	\$295
AST00201	Aza-SAM	A series of S-adenosylmethionine analog Aza-SAM standards: 500nM, 250nM, 125nM, 62.5nM, 31.25nM, 15.625nM, 7.8125nM, 0nM	1ml	\$355
ACT00301-50/20	BSA-SAH	BSA was conjugated to S-Adenosylhomocysteine. Coating for 10 96-well micro-titer plates.	50µg (20µg)	\$180
ACT00302-50	Bio-SAH a	Biotin is conjugated to NH ₂ group of S-adenosylhomocysteine.	50 µg	\$160
ACT00302-	Bio-SAH b	Biotin is conjugated to NH ₂ group of S-	100µg	\$260

100		adenosylhomocysteine.		
ACT00303-50	Bio-6C-SAH 1a	Biotin is conjugated to NH ₂ of SAH through 6-aminohexanoic acid.	50µg	\$420
ACT00303-100	Bio-6C-SAH 1b	Biotin is conjugated to NH ₂ of SAH through 6-aminohexanoic acid.	100µg	\$760
ACT00305-10	Bio-12CN-SAH 1a	Biotin is conjugated to NH ₂ of SAH through a 10-carbon and 2-nitrogen linker.	10µg	\$140
ACT00305-50	Bio-12CN-SAH 1b	Biotin is conjugated to NH ₂ of SAH through a 10-carbon and 2-nitrogen linker.	50µg	\$480
ACT00305-100	Bio-12CN-SAH 1c	Biotin is conjugated to NH ₂ of SAH through a 10-carbon and 2-nitrogen linker.	100µg	\$880
ACT00304-25	Dig-6C-SAH 1a	Digoxin is conjugated to NH ₂ of SAH through 6-bromocaproic acid	25µg	\$280
ACT00304-50	Dig-6C-SAH 1b	Digoxin is conjugated to NH ₂ of SAH through 6-bromocaproic acid.	50µg	\$480
ACT00304-100	Dig-6C-SAH 1c	Digoxin is conjugated to NH ₂ of SAH through 6-bromocaproic acid.	100µg	\$880
AST00301-1	SAH-Na	S-Adenosylhomocysteine standard (SAH Sodium). Buffer (18 ml) for serial dilution may be supplied.	1ml (4µM)	\$15
AST00301-1s	SAH-Na s	S-Adenosylhomocysteine standard (SAH Sodium) for serum/plasma. Buffer (8ml) for serial dilution may be supplied.	0.5ml (4µM)	\$50
AST00401-50	MAT a	Recombinant methionine adenosyltransferase (E.C. 2.5.1.6), <i>E. Coli</i> expression.	50µg	\$90
AST00401-500	MAT b	Recombinant methionine adenosyltransferase (E.C. 2.5.1.6), <i>E. Coli</i> expression.	50µg	\$450
AST00601-50	HMT a	Recombinant Homocysteine S-methyltransferase (E.C. 2.1.1.10), <i>E. Coli</i> expression	50µg	\$90
AST00601-500	HMT b	Recombinant Homocysteine S-methyltransferase (E.C. 2.1.1.10), <i>E. Coli</i> expression	50µg	\$450
ACT00501-100	BSA-HCY	Bovine serum albumin (BSA) was conjugated to homocysteine (HCY).	100µg	\$340