

Amino Acid Analysis, Sodium-Based Solutions

Amino Acid Analysis, Sodium-Based Solutions	
Catalog No.	Description
0352-0061	30-Minute High Efficiency Collagen Hydrolysate Kit:
1154110T	30-minute High-efficiency Sodium Cation-exchange Column 4.6 x 110 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
Na315	Sodium Eluant, pH 3.15, case of 4 (950 mL/bottle)
Na425	Sodium Eluant, pH 4.25, case of 4 (950 mL/bottle)
Na640	Sodium Eluant, pH 6.40, case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
012506C	Collagen Hydrolysate Standard in Sodium Citrate Buffer, 0.25 µmole/mL, Proline and Hydroxyproline 1.25 µmole/mL, each (5 mL/bottle)
0352-0062	Kit Identical to 0352-0061 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0063	Kit Identical to 0352-0061 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
0352-0057	30-Minute High Efficiency Protein Hydrolysate Kit:
1154110T	30-minute High-efficiency Sodium Cation-exchange Column 4.6 x 110 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
Na315	Sodium Eluant, pH 3.15, case of 4 (950 mL/bottle)
Na425	Sodium Eluant, pH 4.25, case of 4 (950 mL/bottle)
Na640	Sodium Eluant, pH 6.40, case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
012506H	Protein Hydrolysate Standard, in Sodium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
0352-0058	Kit Identical to 0352-0057 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0059	Kit Identical to 0352-0057 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0020	30-Minute High Efficiency Oxidized Feed Hydrolysate Kit:
1154110T	30-minute High-efficiency Sodium Cation-exchange Column 4.6 x 110 mm, includes Amino Acid Test Mixture 1700-0070

1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
Na270	Sodium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Na425	Sodium Eluant, pH 4.25, case of 4 (950 mL/bottle)
Na640	Sodium Eluant, pH 6.40, case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
1700-0155	Oxidized Feed Hydrolysate Standard in Sodium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
0352-0021	Kit Identical to 0352-0020 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0022	Kit Identical to 0352-0020 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
AT30SH	Standard 60-Minute Protein Hydrolysate Kit:
1193250	Standard Sodium Cation-exchange Column 3.0 x 250 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na328	Sodium Eluant, pH 3.28, case of 4 (950 mL/bottle)
Na740	Sodium Eluant, pH 7.40, case of 4 (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
012506H	Protein Hydrolysate Standard, in Sodium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
0352-0030	Kit Identical to AT30SH with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
AO30SH	Kit Identical to AT30SH with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
AT31FH	High-Efficiency 55-Minute Protein Hydrolysate Kit:
1154150T	High-efficiency Sodium Cation-exchange Column for protein, collagen and oxidized feed hydrolysates, 4.0 x 150 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na315	Sodium Eluant, pH 3.15, case of 4 (950 mL/bottle)
Na740	Sodium Eluant, pH 7.40, case of 4 (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
012506H	Protein Hydrolysate Standard, in Sodium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
0352-0031	Kit Identical to AT31FH with T200 Replacing T100C:

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T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
AO31FH	Kit Identical to AT31FH with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
AT32FC	High-Efficiency 55-Minute Collagen Hydrolysate Kit:
1154150T	High-efficiency Sodium Cation-exchange Column for protein, collagen and oxidized feed hydrolysates, 4.0 x 150 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na315	Sodium Eluant, pH 3.15, case of 4 (950 mL/bottle)
Na740	Sodium Eluant, pH 7.40, case of 4 (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
012506C	Collagen Hydrolysate Standard in Sodium Citrate Buffer, 0.25 µmole/mL, Proline and Hydroxyproline 1.25 µmole/mL, each (5 mL/bottle)
0352-0032	Kit Identical to AT32FC with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
AO32FC	Kit Identical to AT32FC with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0018	60-Minute Oxidized Feed Hydrolysate Kit:
1154150T	High-efficiency Sodium Cation-exchange Column for protein, collagen and oxidized feed hydrolysates, 4.0 x 150 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Na270	Sodium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Na740	Sodium Eluant, pH 7.40, case of 4 (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
RG011	Sodium Column Regenerant, each (950 mL/bottle)
Na220	Sodium Diluent, pH 2.20, case of 4 (250 mL/bottle)
1700-0155	Oxidized Feed Hydrolysate Standard in Sodium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
0352-0017	Kit Identical to 0352-0018 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0019	Kit Identical to 0352-0018 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0006	70-Minute Physiologic Fluid/Native Sample Kit:
0354675T	70-minute High-efficiency Lithium Cation-exchange Column, 4.6 x 75 mm, includes Amino Acid Test Mixture 1700-0070

1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
1700-1125	Lithium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Li220	Lithium Diluent, pH 2.36, case of 4 (250 mL/bottle)
Li365	Lithium Eluant, pH 3.65, case of 4 (950 mL/bottle)
Li375	Lithium Eluant, pH 3.75, case of 4 (950 mL/bottle)
RG003	Lithium Column Regenerant, each (950 mL/bottle)
1700-0170	Native Sample Standard without Norleucine & Alpha-Amino-Beta-Guanidinopropionic Acid in Lithium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
SP100	SERAPREP™, each (250 mL/bottle)
UP100	URIPREP™, each (250 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
0352-0007	Kit Identical to 0352-0006 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0008	Kit Identical to 0352-0006 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
AT33SP	Standard 185-Minute Physiologic Fluid/Native Sample Kit:
0393250	Standard Lithium Cation-exchange Column, 3.0 x 250 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARD™s
Li275	Lithium Eluant, pH 2.75, case of 4 (950 mL/bottle)
Li750	Lithium Eluant, pH 7.50, case of 4 (950 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
RG003	Lithium Column Regenerant, each (950 mL/bottle)
Li220	Lithium Diluent, pH 2.36, case of 4 (250 mL/bottle)
11006P	Native Sample Standard with Norleucine in Lithium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
SP100	SERAPREP™, each (250 mL/bottle)
UP100	URIPREP™, each (250 mL/bottle)
0352-0033	Kit identical to AT33SP with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
AO33SP	Kit Identical to AT33SP with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0015	High-Efficiency 120-Minute Physiologic Fluid/Native Sample Kit:
0354100T	High-efficiency Lithium Cation-exchange Column, 4.0 x 100 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
Li275	Lithium Eluant, pH 2.75, case of 4 (950 mL/bottle)
Li750	Lithium Eluant, pH 7.50, case of 4 (950 mL/bottle)

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T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
RG003	Lithium Column Regenerant, each (950 mL/bottle)
Li220	Lithium Diluent, pH 2.36, case of 4 (250 mL/bottle)
011006P	Native Sample Standard with Norleucine in Lithium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
SP100	SERAPREP™, each (250 mL/bottle)
UP100	URIPREP™, each (250 mL/bottle)
0352-0011	Kit Identical to O352-0015 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0012	Kit Identical to O352-0015 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0013	Temperature Gradient Physiologic Fluid/Native Sample Kit:
0354100T	High-efficiency Lithium Cation-exchange Column, 4.0 x 100 mm, includes Amino Acid Test Mixture 1700-0070
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
1700-1125	Lithium Eluant, pH 2.80, case of 4 (950 mL/bottle)
Li220	Lithium Diluent, pH 2.36, case of 4 (250 mL/bottle)
Li365	Lithium Eluant, pH 3.65, case of 4 (950 mL/bottle)
Li375	Lithium Eluant, pH 3.75, case of 4 (950 mL/bottle)
RG003	Lithium Column Regenerant, each (950 mL/bottle)
1700-0170	Native Sample Standard without Norleucine & Alpha-Amino-Beta-Guanidinopropionic Acid in Lithium Citrate Buffer, 0.25 µmole/mL, each (5 mL/bottle)
SP100	SERAPREP™, each (250 mL/bottle)
UP100	URIPREP™, each (250 mL/bottle)
T100C	TRIONE® Ninhydrin Reagent (4-month* shelf life), case of 4 (950 mL/bottle)
0352-0014	Kit Identical to O352-0013 with T200 Replacing T100C:
T200	TRIONE® Two-part Ninhydrin Reagent (12-month* shelf life before mixing), to prepare case of 4 (900 mL/bottle)
0352-0016	Kit Identical to O352-0013 with OPA Replacing T100C:
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)

* From date of manufacture

Pesticide & Herbicide Analysis Kits

Pesticide & Herbicide Analysis Kits	
Catalog No.	Description
0352-0002	Carbamate Pesticides Analysis Kit, 23+ Compounds
0840250	Carbamate Column, expanded resolution, C8, 4.0 x 250 mm, includes Carbamate Test Mixture 1700-0063
18ECG001	Guard Cartridge Holder with 3 guard cartridges
CB130	Carbamate Hydrolysis Reagent, case of 4 (950 mL/bottle)
CB910	Carbamate OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
1700-0025	ChlorAC Buffer, case of 4 (25 mL/bottle)
1700-0195	Carbamate Calibration Starter Kit (2 per pack)
0352-0003	Carbamate Pesticides Analysis Kit, for EPA Method 531.1:
0846250	Carbamate Column, high resolution/capacity, 4.6 x 250 mm, includes Carbamate Test Mixture 1700-0063
18ECG001	Guard Cartridge Holder with 3 guard cartridges
CB130	Carbamate Hydrolysis Reagent, case of 4 (950 mL/bottle)
CB910	Carbamate OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
1700-0025	ChlorAC Buffer, case of 4 (25 mL/bottle)
1700-0195	Carbamate Calibration Starter Kit (2 per pack)
0352-0009	Carbamate Pesticides Analysis Kit, for EPA Method 531.2:
0846250	Carbamate Column, high resolution/capacity, 4.6 x 250 mm, includes Carbamate Test Mixture 1700-0063
18ECG001	Guard Cartridge Holder with 3 guard cartridges
CB130.2	Carbamate Hydrolysis Reagent, case of 4 (950 mL/bottle)
CB910	Carbamate OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
1700-0195	Carbamate Calibration Starter Kit (2 per pack)
0352-0004	Carbamate Pesticides Analysis Kit, for AOAC Method 985.23:
1846150	Analytical Column, rapid analysis/QC, 4.6 x 150 mm, includes Carbamate Test Mixture 1700-0063
18ECG001	Guard Cartridge Holder with 3 guard cartridges
CB130	Carbamate Hydrolysis Reagent, case of 4 (950 mL/bottle)
CB910	Carbamate OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
1700-0025	ChlorAC Buffer, case of 4 (25 mL/bottle)
1700-0195	Carbamate Calibration Starter Kit (2 per pack)

Application Kits

(Continued) Pesticide & Herbicide Analysis Kits

Catalog No.	Description
0352-0010	Glyphosate Herbicide Analysis Kit, for EPA Method 547, AOAC Method 991.08:
1954150	Cation-exchange Column for Glyphosate analysis, 4 x 150 mm, including Glyphosate Test Mixture 1700-0080
1700-3102	Cation-exchange GARD™ assembly: Holder w/ 2 replaceable GARDs™
K200	Glyphosate Potassium Phosphate Eluant, case of 4 (950 mL/bottle)
RG019	Glyphosate Column Regenerant, each (950 mL/bottle)
GA104	Glyphosate OPA Diluent, case of 4 (950 mL/bottle)
GA116	Glyphosate Hypochlorite Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
1700-0140	RESTORE™, each (250 mL/bottle)

Catalog No.	Description
0352-0053	Multi-Residue Mycotoxin Kit:
1612124	MYCOTOX™ Reversed-phase Column, 4.6 x 250 mm
18ECC001	Guard Cartridge Holder with 3 cartridges
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
1700-1108	Sodium Phosphate Eluant, pH 3.3, case of 4 (950 mL/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0050	Aflatoxin Analysis Kit:
1612124	MYCOTOX™ Reversed-phase Column, 4.6 x 250 mm
18ECC001	Guard Cartridge Holder with 3 cartridges
0352-0051	Polyether Antibiotics Kit:
2381750	Polyether Reversed-phase Column, 4.6 x 250 mm
18ECC001	Guard Cartridge Holder with 3 cartridges
3700-2200	Vanillin, 30 g (2 per kit)

Other Post-Column Analysis Kits

Other Post-Column Analysis Kits	
Catalog No.	Description
0352-0040	Biogenic Amines/Polyamines Analysis Kit:
9410917	ALKION™ Cation-exchange Column, K+ form, 4.0 x 150 mm
9493020	ALKION™ Guard Column, K+ form, 3.0 x 20 mm
1100-0200	Flow Restrictor, for OPA, Hypochlorite and Hydrolysis Reagent, 300 psi @ 0.3 mL/min, 10 cm
K563	Potassium Phosphate Eluant, pH 5.63, case of 4 (950 mL/bottle)
K600	Potassium Phosphate Eluant, pH 6.00, case of 4 (950 mL/bottle)
K130	Potassium Column Regenerant, each (950 mL/bottle)
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)
0352-0041	Aminoglycoside Antibiotics Analysis Kit:
9410917	ALKION™ Cation-exchange Column, K+ form, 4.0 x 150 mm
9493020	ALKION™ Guard Column, K+ form, 3.0 x 20 mm
1100-0200	Flow Restrictor, for OPA, Hypochlorite and Hydrolysis Reagent, 300 psi @ 0.3 mL/min, 10 cm
1700-1101	Potassium Phosphate Eluant, KO1, case of 4 (950 mL/bottle)
1700-1102	Potassium Hydroxide Eluant, KO2, case of 4 (950 mL/bottle)
1700-1103	Potassium Chloride Eluant, KO3, case of 4 (950 mL/bottle)
OD104	OPA Diluent, case of 4 (950 mL/bottle)
O120	o-Phthalaldehyde, each (5 g/bottle)
3700-2000	Thiofluor™, each (10 g/bottle), (2 per kit)