

Centre for AIDS Reagents

Datasheet

NAME: HIV-1 Consensus C Gag (15-mer) Peptides - Complete Set

REPOSITORY REFERENCE: ARP7115.1-121

REGION OF HOMOLOGY: Gag

CHARACTERISTICS: Series of peptides comprising the Subtype C Gag region. Most of the peptides are 15 amino acids in length, with 11-amino acid overlaps between sequential peptides. Most peptides are >80% pure. Peptides that are difficult to solubilize can almost always be dissolved in DMSO. Once a peptide is in solution, the DMSO can be slowly diluted with aqueous medium. Care must be taken to ensure that the peptide does not begin to precipitate out of solution.

See table below for sequences and solubility information

SIZE: 15mers

PRESENTATION: 121 vials, 1.0 mg each, lyophilized

SOURCE: DAIDS, NIAID.AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH.

ACKNOWLEDGEMENTS: Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at <http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html> in the “Acknowledgements” section. Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

Catalogue No.	Peptide Sequence	Solubility Data	Catalogue No.	Peptide Sequence	Solubility Data
ARP7115.1	MGARASILRGGKLDK	6M Guanidine HCl	ARP7115.17	QPALQTGTEELRSLY	50% Acetic Acid
ARP7115.2	ASILRGGKLDKWEKI	6M Guanidine HCl	ARP7115.18	QTGTEELRSLYNTVA	50% Acetic Acid
ARP7115.3	RGGKLDKWEKIRLRP	6M Guanidine HCl	ARP7115.19	EELRSLYNTVATLYC	50% Acetic Acid
ARP7115.4	LDKWEKIRLRPGGKK	H ₂ O	ARP7115.20	SLYNTVATLYCVHEE	50% Acetic Acid
ARP7115.5	EKIRLRPGGKKHYML	6M Guanidine HCl	ARP7115.21	TVATLYCVHEEIEVR	50% Acetic Acid
ARP7115.6	LRPGGKKHYMLKHLV	H ₂ O	ARP7115.22	LYCVHEEIEVRDTKE	50% Acetic Acid
ARP7115.7	GKKHYMLKHLVWASR	H ₂ O	ARP7115.23	HEEIEVRDTKEALDK	50% Acetic Acid
ARP7115.8	YMLKHLVWASRELER	6M Guanidine HCl	ARP7115.24	EVRDTKEALDKIEEE	50% Acetic Acid
ARP7115.9	HLVWASRELERFALN	20% ACN	ARP7115.25	TKEALDKIEEEQNKS	50% Acetic Acid
ARP7115.10	ASRELERFALNPGLL	6M Guanidine HCl	ARP7115.26	LDKIEEEQNKSQQKT	50% Acetic Acid
ARP7115.11	LERFALNPGLLETSE	6M Guanidine HCl	ARP7115.27	EEEQNKSQQKTQQAK	50% Acetic Acid
ARP7115.12	ALNPGLLETSEGCKQ	6M Guanidine HCl	ARP7115.28	NKSQQKTQQAKAADG	50% Acetic Acid
ARP7115.13	GLLETSEGCKQIMKQ	6M Guanidine HCl	ARP7115.29	QKTQQAKAADGKVSQ	50% Acetic Acid

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Blanche Lane South Mimms Potters Bar Hertfordshire EN6 3QG United Kingdom
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A World Health Organization Laboratory for Biological Standards

Catalogue No.	Peptide Sequence	Solubility Data	Catalogue No.	Peptide Sequence	Solubility Data
ARP7115.14	TSEGCKQIMKQLQPA	20% ACN	ARP7115.30	QAKAADGKVSQNYPI	50% Acetic Acid
ARP7115.15	CKQIMKQLQPALQTG	20% ACN	ARP7115.31	ADGKVSQNYPIVQNL	50% Acetic Acid
ARP7115.16	MKQLQPALQTGTEEL	50% Acetic Acid	ARP7115.32	VSQNYPIVQNLQGQM	50% Acetic Acid
ARP7115.33	YPIVQNLQGQMVHQA	50% Acetic Acid	ARP7115.49	AAMQMLKDTINEEAA	50% Acetic Acid
ARP7115.34	QNLQGQMVHQAISPR	50% Acetic Acid	ARP7115.50	MLKDTINEEAAEWDR	50% Acetic Acid
ARP7115.35	GQMVHQAISPRTLNA	50% Acetic Acid	ARP7115.51	TINEEAAEWDRLHPV	50% Acetic Acid
ARP7115.36	HQAISPRTLNAWVKV	50% Acetic Acid	ARP7115.52	EAAEWDRLHPVHAGP	50% Acetic Acid
ARP7115.37	SPRTLNAWVKVIEEK	50% Acetic Acid	ARP7115.53	WDRLHPVHAGPIAPG	50% Acetic Acid
ARP7115.38	LNAWVKVIEEKAFSP	DMSO	ARP7115.54	HPVHAGPIAPGQMRE	H ₂ O
ARP7115.39	VKVIEEKAFSPEVIP	50% Acetic Acid	ARP7115.55	AGPIAPGQMREPRGS	H ₂ O
ARP7115.40	EEKAFSPEVIPMFTA	50% Acetic Acid	ARP7115.56	APGQMREPRGSDIAG	H ₂ O
ARP7115.41	FSPEVIPMFTALSEG	50% Acetic Acid	ARP7115.57	MREPRGSDIAGTTST	50% Acetic Acid
ARP7115.42	VIPMFTALSEGATPQ	50% Acetic Acid	ARP7115.58	RGSDIAGTTSTLQEQ	50% Acetic Acid

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ARP7115.43	FTALSEGATPQDLNT	50% Acetic Acid	ARP7115.59	IAGTTSTLQEQIAWM	50% Acetic Acid
ARP7115.44	SEGATPQDLNTMLNT	50% Acetic Acid	ARP7115.60	TSTLQEQIAWMTSNP	50% Acetic Acid
ARP7115.45	TPQDLNTMLNTVGGH	50% Acetic Acid	ARP7115.61	QEQIAWMTSNPPVPV	H ₂ O
ARP7115.46	LNTMLNTVGGHQAAM	50% Acetic Acid	ARP7115.62	AWMTSNPPVPVGDYI	6M Guanidine HCl
ARP7115.47	LNTVGGHQAAMQMLK	50% Acetic Acid	ARP7115.63	SNPPVPVGDYIKRWI	6M Guanidine HCl
ARP7115.48	GGHQAAMQMLKDTIN	50% Acetic Acid	ARP7115.64	VPVGDYIKRWIILGL	20% ACN
ARP7115.65	DIYKRWIILGLNKIV	20% ACN	ARP7115.81	QNANPDCKTILRALG	50% Acetic Acid
ARP7115.66	RWILGLNKIVRMYS	DMSO	ARP7115.82	PDCKTILRALGPGAS	50% Acetic Acid
ARP7115.67	LGLNKIVRMYSVSI	20% ACN	ARP7115.83	TILRALGPGASLEEM	50% Acetic Acid
ARP7115.68	KIVRMYSVSIILDIK	20% ACN	ARP7115.84	ALGPGASLEEMMTAC	50% Acetic Acid
ARP7115.69	MYSVSIILDIKQGP	20% ACN	ARP7115.85	GASLEEMMTACQGVG	50% Acetic Acid
ARP7115.70	VSILDIKQGPKEPFR	20% ACN	ARP7115.86	EEMMTACQGVGGPSH	50% Acetic Acid
ARP7115.71	DIKQGPKEPFRDYVD	20% ACN	ARP7115.87	TACQGVGGPSHKARV	50% Acetic Acid

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ARP7115.72	GPKEPFRDYVDRFFK	20% ACN	ARP7115.88	GVGGPSHKARVLAEA	50% Acetic Acid
ARP7115.73	PFRDYVDRFFKTLRA	20% ACN	ARP7115.89	PSHKARVLAEAMSQA	30% Formic Acid
ARP7115.74	YVDRFFKTLRAEQAT	20% CAN	ARP7115.90	ARVLAEAMSQANSTN	50% Acetic Acid
ARP7115.75	FFKTLRAEQATQDVK	6M Guanidine HCl	ARP7115.91	AEAMSQANSTNIMMQ	DMSO
ARP7115.76	LRAEQATQDVKNWMT	6M Guanidine HCl	ARP7115.92	SQANSTNIMMQRSNF	50% Acetic Acid
ARP7115.77	QATQDVKNWMTDTLL	50% Acetic Acid	ARP7115.93	STNIMMQRSNFKGPK	50% Acetic Acid
ARP7115.78	DVKNWMTDTLLVQNA	50% Acetic Acid	ARP7115.94	MMQRSNFKGPKRIVK	50% Acetic Acid
ARP7115.79	WMTDTLLVQANPDC	50% Acetic Acid	ARP7115.95	SNFKGPKRIVKCFNC	50% Acetic Acid
ARP7115.80	TLLVQANPDCCKTIL	50% Acetic Acid	ARP7115.96	GPKRIVKCFNCGKEG	50% Acetic Acid
ARP7115.97	IVKCFNCGKEGHAR	50% Acetic Acid	ARP7115.113	PEPTAPPAESFRFEE	50% Acetic Acid
ARP7115.98	FNCGKEGHARNCR	50% Acetic Acid	ARP7115.114	APPAESFRFEETTPA	50% Acetic Acid
ARP7115.99	KEGHARNCRAPRKK	50% Acetic Acid	ARP7115.115	ESFRFEETTPAPKQE	H ₂ O
ARP7115.100	IARNCRAPRKKGCWK	50% Acetic Acid	ARP7115.116	FEETTPAPKQEPKDR	H ₂ O

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ARP7115.101	CRAPRKKGCWKCGKE	50% Acetic Acid	ARP7115.117	TPAPKQEPKDREPLT	H ₂ O
ARP7115.102	RKKGCWKCGKEGHQM	50% Acetic Acid	ARP7115.118	KQEPKDREPLTSLKS	H ₂ O
ARP7115.103	CWKCGKEGHQMKDCT	50% Acetic Acid	ARP7115.119	KDREPLTSLKSLFGS	H ₂ O
ARP7115.104	GKEGHQMKDCTERQA	50% Acetic Acid	ARP7115.120	PLTSLKSLFGSDPLS	50% Acetic Acid
ARP7115.105	HQMKDCTERQANFLG	50% Acetic Acid	ARP7115.121	LKSLFGSDPLSQ	H ₂ O
ARP7115.106	DCTERQANFLGKIWP	50% Acetic Acid			
ARP7115.107	RQANFLGKIWPSHKG	50% Acetic Acid			
ARP7115.108	FLGKIWPSHKGRPGN	H ₂ O			
ARP7115.109	IWPSHKGRPGNFLQS	50% Acetic Acid			
ARP7115.110	HKGRPGNFLQSRPEP	50% Acetic Acid			
ARP7115.111	PGNFLQSRPEPTAPP	50% Acetic Acid			
ARP7115.112	LQSRPEPTAPPAESF	50% Acetic Acid			