



## DOA Immunoassay Screening

- Human urine-based matrix simulates patient samples
- Stable for up to 3 years frozen (unopened) and 30-day open stability
- Liquid, ready to use in 20 mL vial sizes
- Gravimetrically formulated to Cutoff +25% and Cutoff -25% levels
- Refer to target sheet for exact drug control formulation
- External third-party liquid controls evaluated with Abbott, Roche, Beckman, Siemens and other major immunoassay toxicology reagents



We also offer a complete line of controls for Drugs of Abuse (DOA) lateral flow rapid tests and Confirmation methods.

Vendor Catalog#	Liquid Urine DOA Immunoassay Controls	Kit Size
19437252-6PK 19437756-6PK	<b>SERIES III, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 10 panel with BENZO300/BAR300/OPI300	6X20 mL 6X20 mL
19447252-6PK 19447756-6PK	<b>SERIES IV, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 10 panel with BENZO200/BAR200/OPI300 Formulated for Abbott Benzo reagent with Nordiazepam	6X20 mL 6X20 mL
19544252-6PK 19544756-6PK	<b>SERIES IV-H, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 10 panel with BENZO200/BAR200/OPI2000 Formulated for Abbott Benzo reagent with Nordiazepam	6X20 mL 6X20 mL
180010V-6PK 180011V-6PK	<b>DOA SCREEN IA, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 14 panel with BENZO200/BAR200/OXY100/GAM10/FEN5/HYDROCODONE300/OPI300 Formulated for Roche Fentanyl reagent	6X20 mL 6X20 mL
19458252-6PK 19458756-6PK	<b>SERIES V, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 10 panel with BE200/BAR200/OPI300	6X20 mL 6X20 mL
19466252-6PK 19466756-6PK	<b>SERIES VI, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 10 panel with BENZO200/BAR200/OPI300 Formulated for Beckman/Siemens Benzo reagent with Lormetazepam	6X20 mL 6X20 mL
19466252-6PK 19466756-6PK	<b>SERIES IX, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 10 panel with BENZO300/BAR300/OPI300 Formulated for Beckman/Siemens Benzo reagent with Lormetazepam	6X20 mL 6X20 mL
19601052-6PK 19601056-6PK	<b>SERIES X-H, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 12 panel with 2008 SAMSHA CUTOFF	6X20 mL 6X20 mL
19601057-6PK 19601058-6PK	<b>SERIES XV-H, CUTOFF +25% &amp; -25%</b> +/-25% control sold separately, DOA 14 panel with 2015 SAMSHA CUTOFF	6X20 mL 6X20 mL

Contact your Biochemical Diagnostics Sales Rep at [KOVA.SUPPORT@LGCGROUP.COM](mailto:KOVA.SUPPORT@LGCGROUP.COM)  
for additional product information, visit our website at [kovaintl.com](http://kovaintl.com)



## DETECTABUSE® Liquid Control Urine Target Sheets

Test	CONSTITUENT (ng/mL)	SERIES III			SERIES IV & IV-H			SERIES V		
		-25%	Cutoff	+25%	-25%	Cutoff	+25%	-25%	Cutoff	+25%
THC	Delta-9-THC-COOH	37.5	50	62.5	37.5	50	62.5	37.5	50	62.5
COC	Benzoyllecgonine	225	300	375	225	300	375	225	300	375
PCP	Phencyclidine (PCP)	19	25	31	19	25	31	19	25	31
OPI	Morphine (low)	225	300	375	225	300	375	225	300	375
mAMP	d-Methamphetamine	750	1000	1250	-	-	-	750	1000	1250
AMP	d-Amphetamine	-	-	-	750	1000	1250	-	-	-
BARB	Secobarbital	225	300	375	150	200	250	150	200	250
<b>BZO</b>	<b>Oxazepam</b>	225	300	375	-	-	-	150	200	250
<b>BZO</b>	<b>Nordiazepam</b>	-	-	-	150	200	250	-	-	-
MTD	Methadone	225	300	375	225	300	375	225	300	375
MQL	Methaqualone	225	300	375	225	300	375	225	300	375
PPX	Propoxyphene	225	300	375	225	300	375	225	300	375

Test	CONSTITUENT (ng/mL)	SERIES VI			SERIES IX		
		-25%	Cutoff	+25%	-25%	Cutoff	+25%
THC	Delta-9-THC-COOH	37.5	50	62.5	37.5	50	62.5
COC	Benzoyllecgonine	225	300	375	225	300	375
PCP	Phencyclidine (PCP)	19	25	31	19	25	31
OPI	Morphine (low)	225	300	375	225	300	375
OPI2K	Morphine (high)	-	-	-	-	-	-
mAMP	d-Methamphetamine	750	1000	1250	750	1000	1250
BARB	Secobarbital	150	200	250	225	300	375
<b>BZO</b>	<b>Lormetazepam</b>	150	200	250	225	300	375
MTD	Methadone	225	300	375	225	300	375
MQL	Methaqualone	225	300	375	225	300	375
PPX	Propoxyphene	225	300	375	225	300	375

Test	CONSTITUENT (ng/mL)	SERIES X-H				SERIES XV-H			DOA SCREEN IA		
		-25%	Cutoff	+25%	3X Cutoff	-25%	Cutoff	+25%	-25%	Cutoff	+25%
THC	Delta-9-THC-COOH	37.5	50	62.5	150	37.5	50	62.5	37.5	50	62.5
COC	Benzoyllecgonine	112.5	150	187.5	450	112.5	150	187.5	225	300	375
PCP	Phencyclidine (PCP)	19	25	31.5	75	19	25	31.5	19	25	31.5
OPI	Morphine (low)	-	-	-	-	-	-	-	225	300	375
OPI2K	Morphine (high)	1500	2000	2500	6000	1500	2000	2500	-	-	-
mAMP	d-Methamphetamine	375	500	625	1500	375	500	625	750	1000	1250
MDMA	MDMA	375	500	625	1500	375	500	625	-	-	-
6MAM	6-Acetylmorphine	7.5	10	12.5	30	7.5	10	12.5	7.5	10	12.5
HYC	Hydrocodone	-	-	-	-	225	300	375	225	300	375
OXY	Oxycodone	-	-	-	-	75	100	125	75	100	125
BARB	Secobarbital	150	200	250	600	150	200	250	150	200	250
<b>BZO</b>	<b>Nordiazepam</b>	-	-	-	-	-	-	-	150	200	250
<b>BZO</b>	<b>Oxazepam</b>	150	200	250	600	150	200	250	-	-	-
MTD	Methadone	225	300	375	900	225	300	375	225	300	375
MQL	Methaqualone	225	300	375	900	225	300	375	225	300	375
PPX	Propoxyphene	225	300	375	900	225	300	375	225	300	375
FYL	NorFentanyl	-	-	-	-	-	-	-	3.75	5	6.25