

Drug Conc. (Cut-off range)	n	TCA		BUP		OXY		KET		PPX		EDDP		TRA	
		-	+	-	+	-	+	-	+	-	+	-	+	-	+
0% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-50% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-25% Cut-off	30	24	6	26	4	26	4	27	3	26	4	23	7	26	4
Cut-off	30	14	16	1	29	3	27	2	28	1	29	12	18	14	16
+25% Cut-off	30	6	24	0	30	0	30	0	30	0	30	2	28	5	25
+50% Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30

Drug Conc. (Cut-off range)	n	K2		COT		ETG		AMP (500)		COC (150)		MET (500)		FTY	
		-	+	-	+	-	+	-	+	-	+	-	+	-	+
0% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-50% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-25% Cut-off	30	25	5	25	5	24	6	27	3	28	2	28	2	26	4
Cut-off	30	6	24	12	18	10	20	4	26	5	25	3	27	14	16
+25% Cut-off	30	2	28	6	24	5	25	1	29	3	27	3	27	5	25
+50% Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30

Analytical Specificity

To test the specificity of the test, the test device was used to test various drugs, drug metabolites and other components that are likely to be present in urine. All the components were added to drug-free normal human urine. These concentrations (ng/mL) below also represent the limits of detection for the specified drugs or metabolites.

Amphetamine (AMP)	ng/mL
d-Amphetamine	1,000
d,l-Amphetamine	3,000
l-Amphetamine	50,000
(+/-) 3,4-methylenedioxyamphetamine	5,000
Phentermine	3,000
Barbiturates (BAR)	ng/mL
Secobarbital	300
Amobarbital	300
Alphenol	150
Aprobarbital	200
Butabarbital	75
Butathal	100
Butalbital	2,500
Cyclopentobarbital	600
Pentobarbital	300
Phenobarbital	100
Barbiturates (BAR200)	ng/mL
Secobarbital	200
Amobarbital	200
Alphenol	100
Aprobarbital	150
Butabarbital	50
Butathal	75
Butalbital	1,700
Cyclopentobarbital	400
Pentobarbital	200
Phenobarbital	75

Benzodiazepines (BZO)	ng/mL
Oxazepam	300
Alprazolam	200
a-Hydroxyalprazolam	1,500
Bromazepam	1,500
Chlordiazepoxide	1,500
Clonazepam HCl	800
Clobazam	100
Clonazepam	800
Clorazepate dipotassium	200
Delorazepam	1,500
Desalkylflurazepam	400
Diazepam	200
Estazolam	2,500
Flunitrazepam	400
D,L-Lorazepam	1,500
Midazolam	12,500
Methadone	12,500
Nitrazepam	100
Norchlordiazepoxide	200
Nordiazepam	400
Temazepam	100
Trazolam	2,500
Benzodiazepines (BZO100)	ng/mL
Oxazepam	100
Alprazolam	75
a-Hydroxyalprazolam	500
Bromazepam	500
Chlordiazepoxide	500
Clonazepam HCl	300
Clobazam	35
Clonazepam	300
Clorazepate dipotassium	75
Delorazepam	500
Desalkylflurazepam	150
Diazepam	75
Estazolam	800
Flunitrazepam	150
D,L-Lorazepam	500
Midazolam	4200
Nitrazepam	35
Norchlordiazepoxide	75
Nordiazepam	150
Temazepam	35
Trazolam	800
Cocaine (COC)	ng/mL
Benzoyllecgonine	300
Cocaine HCl	750
Cocacethylene	12,500
Ecgonine	32,000
Marijuana(THC)	ng/mL
11-nor-Δ9-THC-9-COOH	50
11-nor-Δ8-THC-9-COOH	30
11-hydroxy-Δ9-Tetrahydrocannabinol	2,500
Δ8- Tetrahydrocannabinol	7,500
Δ9- Tetrahydrocannabinol	10,000
Cannabinol	10,000
Cannabidiol	100,000
Marijuana (THC25)	ng/mL
11-nor-Δ9-THC-9-COOH	25
11-nor-Δ8-THC-9-COOH	15
11-hydroxy-Δ9-Tetrahydrocannabinol	1,250
Δ8- Tetrahydrocannabinol	3,750
Δ9- Tetrahydrocannabinol	5,000
Cannabinol	5,000
Cannabidiol	50,000
Methamphetamine (MET)	ng/mL
D(+) Methamphetamine	1,000
D-Amphetamine	50,000
Chloroquine	50,000
(+/-) Ephedrine	50,000
(-) Methamphetamine	25,000

(+/-) 3,4-methylenedioxyamphetamine (MDMA)	2,000
b-Phenylethylamine	50,000
Trimethobenzamide	10,000
Methylenedioxyamphetamine (MDMA)	ng/mL
3,4-Methylenedioxyamphetamine HCl (MDMA)	500
3,4-Methylenedioxyamphetamine HCl	3,000
3,4-Methylenedioxyethylamphetamine	300
Morphine (MOP)	ng/mL
Morphine	300
Codeine	300
Ethyl Morphine	300
Hydrocodone	5,000
Hydromorphone	5,000
Morphine-3-b-d-glucuronide	1,000
Thebaine	30,000
Methadone (MTD)	ng/mL
Methadone	300
Doxylamine	50,000
Opiate (OPI)	ng/mL
Morphine	2,000
Codeine	2,000
Ethylmorphine	5,000
Hydrocodone	12,500
Hydromorphone	5,000
Levorphanol	75,000
s-Monoacetyl morphine	5,000
Morphine 3-b-D-glucuronide	2,000
Norcodeine	12,500
Normorphine	50,000
Oxycodone	25,000
Oxymorphone	25,000
Procaine	150,000
Thebaine	100,000
Phencyclidine (PCP)	ng/mL
Phencyclidine	25
4-Hydroxyphencyclidine	12,500
Tricyclic Antidepressants (TCA)	ng/mL
Notriptyline	1,000
Nordoxepine	1,000
Trimipramine	3,000
Amitriptyline	1,500
Promazine	1,500
Desipramine	200
Imipramine	400
Clomipramine	12,500
Doxepine	2,000
Maprotiline	2,000
Promethazine	25,000
Ketamine (KET)	ng/mL
Ketamine	1,000
Methadone	50,000
Pethidine	12,500
Methylamphetamine	12,500
Methoxyphenamine	12,500
Promethazine	25,000
Phencyclidine	25,000
Buprenorphine (BUP)	ng/mL
Buprenorphine	10
Buprenorphine 3-D-Glucuronide	15
Norbuprenorphine	20
Norbuprenorphine 3-D-Glucuronide	200
Oxycodone (OXY)	ng/mL
Oxycodone	100
Dihydrocodeine	20,000
Codeine	100,000
Hydromorphone	100,000
Morphine	>100,000
Acetylmorphine	>100,000
Buprenorphine	>100,000
Ethylmorphine	>100,000

Propoxyphene (PPX)	ng/mL
d-Propoxyphene	300
d-Norpropoxyphene	300
Tramadol	ng/mL
Tramadol	1,000
(+/-) Chlorpheniramine	500,000
Diphenhydramine	250,000
Pheniramine	>500,000
PCM	>250,000
EDDP	ng/mL
2-Ethylidene -1,5-Dimethyl-3,3-Diphenylpyrrolidine	100
Methadone	100,000
EMDP	100,000
Synthetic Cannabis (K2)	ng/mL
JWH-018 Pentanoic Acid	50
JWH-073 Butanoic Acid	25
JWH-018 N-4-hydroxypentyl	2,000
JWH-018 (Spice Cannabinoid)	1,000
JWH-018 4-Hydroxypentyl metabolite-D5 (indole-D5)	1,000
JWH-073 (Spice Cannabinoid)	2,000
JWH-073 3-Hydroxybutyl metabolite	1,000
JWH-073 3-Hydroxybutyl metabolite-D5 (indole-D5)	1,000
JWH-019 6-hydroxypentyl	1,000
JWH-122 N-4-hydroxypentyl	2,000
JWH-210 5-Hydroxypentyl metabolite	5,000
AM2201 4-Hydroxypentyl metabolite	1,000
JWH-073 3-Hydroxybutyl metabolite	1,000
Cotinine (COT)	ng/mL
Cotinine	100
Ethyl Glucuronide (EtG)	ng/mL
Ethyl Glucuronide	500
Amphetamine (AMP500)	ng/mL
d-Amphetamine	500
l-Amphetamine	25,000
dl-Amphetamine	1,500
(+/-) 3,4-methylenedioxyamphetamine (MDA)	2,500
Phentermine	1,500
Cocaine (150)	ng/mL
Benzoyllecgonine	150
Cocaine HCl	375
Cocacethylene	6,250
Ecgonine	16,000
Methamphetamine (500)	ng/mL
D(+) Methamphetamine	500
D-Amphetamine	25,000
Chloroquine	10,000
(+/-) Ephedrine	25,000
L-Methamphetamine	10,000
(+/-) 3,4-methylenedioxyamphetamine (MDMA)	1,000
β-Phenylethylamine	25,000
Trimethobenzamide	5,000
Fentanyl (FTY)	ng/mL
Norfentanyl	20
Fentanyl	200
Acetyl fentanyl	200
Acetyl norfentanyl	200

Cross-Reactivity

Considering the complexity of clinical urine specimens and the possibility that various urine specimens contain potentially interfering substances, we simulated above situations by adding the potentially interfering substances to a certain concentration as specimen. The following components show no cross-reactivity when tested with Wondfo One Step Multi-Drug Urine Test Panel at a concentration of 100 µg/mL.

Non Crossing-Reacting Compounds















Acetaminophen	Epinephrine HCl	Mifepristone
Acyclovir	Esomeprazole	Montelukast
Afrin	Estroven	Mosapride Citrate
Aleve	Fenofibrate	Narcotine
Amiodarone HCl	Fluvoxamine	Nifedipine
Amoxicillin Mesylate	Fuel	Nikethamide
Amoxicillin	Gabapentin	Nimodipine
Ampicillin	Glibenclamide	Omeprazole
Aripiprazole	Gliclazide	Papaverine
Aspirin	Glipizide	Penfluridol
Atorvastatin	Glucosamine Chondroitin	Penicillin V Potassium
Atropine	Glucose	Pioglitazone HCl
Caffeine	Haloperidol	Piracetam
Captopril	Heartburn Relief	Pravastatin sodium
Carbamazepine	Hydrochlorothiazide	Propylthiouracil
Cefaclor	I Caps	Rifampicin
Cefradine	Isosorbide dinitrate	Sildenafil citrate
Cephalexin	Ketoconazole	Simvastatin
Ciprofloxacin	Levofloxacin	Spiroolactone
Clarithromycin	Levonorgestrel	Tetracycline
Clopidogrel bisulfate	Levothyroxine sodium	Triazolone HCl
Clozapine	Lidocaine HCl	Triamterene
Cortisone	Lisinopril	Vitamin B1
CVS	Lithium carbonate	Vitamin B2
Dextromethorphan HBr	Loratadine	Vitamin C
Diclofenac sodium	Magnesium	Zencore Plus2
Domperidone	Mega-T Plus	
Enalapril maleate	Metoprolol tartrate	

From the results above, it is clear that Wondfo One Step Multi-Drug Urine Test Panel resists well against interference from these substances.

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INDEX OF SYMBOLS

 In Vitro Diagnostic Use	 See Instruction for Use	 Expiry Date	 Tests per Kit	 Manufacturing Date
 Keep Dry	 Batch Number	 Authorized Representative	 Keep away from Sunlight	 Manufacturer
 Store between 4~30 C	 Do not reuse	 REF	 Catalog #	

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物料编码: 13002718 项目名称: 国际定性毒品尿液多联卡试剂说明书(460x210mm)国际英文

尺寸(长*宽*高): 130x65mm 颜色: ■ C100M40 ■ K20 材质: 80g铜纸 工艺: /

折页方式: 风琴四折五页(标志超上) 修改内容: 文字 颜色 尺寸 工艺 材质 其他 无

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