



## Narkotest Indlægsseddel for Multi Narkotest og Hashtest

### TILSIGTET BRUG

Testdig Narkotest screeningstest til at analysere for stoffer i urinen ved følgende grænseværdier. Anvendes til professionelt in vitro brug. Kromatografisk immunanalyse med tværgående flow for kvalitativ sporing af nedenstående stoffer.

| Test                           | Callibrator                    | Cut-off     |
|--------------------------------|--------------------------------|-------------|
| Amphetamine (AMP 1000)         | D-Amphetamine                  | 1.000 ng/ml |
| Benzodiazepines (BZO)          | Oxazepam                       | 300 ng/ml   |
| Buprenorphine (BUP)            | Buprenorphine                  | 10 ng/ml    |
| Cocaine (COC 300)              | Benzoylcocaine                 | 300 ng/ml   |
| Marijuana (THC 200)            | 11-nor- $\Delta^9$ -THC-9-COOH | 200 ng/ml   |
| Marijuana (THC 100)            | 11-nor- $\Delta^9$ -THC-9-COOH | 100 ng/ml   |
| Marijuana (THC 50)             | 11-nor- $\Delta^9$ -THC-9-COOH | 50 ng/ml    |
| Marijuana (THC 20)             | 11-nor- $\Delta^9$ -THC-9-COOH | 20 ng/ml    |
| Methadone (MTD)                | Methadone                      | 300 ng/ml   |
| Methamphetamine (mAMP1000)     | D-Methamphetamine              | 1.000 ng/ml |
| Methylenedioxyamfetamin (MDMA) | D,L-Methylenedioxyamfetamin    | 500 ng/ml   |
| Opiate(OPI 300,MOR )           | Morphine                       | 300 ng/ml   |
| Opiater (OPI 2.000 )           | Morphine                       | 2.000 ng/ml |
| Tramadol (TRA 50)              | Tramadol                       | 50 ng/ml    |
| Cotinine (COT)                 | Cotinine                       | 200 ng/ml   |
| Fentanyl (FEN)                 | Fentanyl                       | 20 ng/ml    |
| Ketamin (KET)                  | Ketamin                        | 1.000 ng/ml |
| Oxycodon (OXY)                 | Oxycodon                       | 100 ng/ml   |
|                                |                                |             |
|                                |                                |             |

Denne test giver kun et foreløbigt testresultat. Brug en anden mere specifik kvantitativ analytisk metode til at få bekræftet resultatet. Gaskromatografi/massespektrometri (GC/MS) er den foretrukne metode til at få bekræftet et resultat. Anvend klinisk og professionel vurdering til ethvert testresultat især når der er opnået et foreløbigt positivt resultat.

### RESUME OG FORKLARING AF TEST/TESTENS UDFORMNING

Denne test anvender højt specifikke reaktioner mellem antistoffer og antigener til at spore stoffer og disses metabolitter i urin uden brug af andre instrumenter.

### PRINCIPPET BAG TESTEN/HVORDAN VIRKER TESTEN

Testdig Multi Narkotest til screening for stoffer i ét trin (urin) er en immunanalyse, der er baseret på princippet om kompetitiv binding. De stoffer, der måtte være til stede i urinprøven, konkurrerer med de respektive stoffers konjugater om bindingspladserne på de respektive antistoffer.

Under udførelse af testen trækkes urinen op via kapilærvirkning. Et stof, hvis det er tilstede i urinprøven med en koncentration der ligger under grænseværdien, vil ikke mætte bindingsstedet på dens respektive antistof. Antistoffet vil reagere med stof-proteins-konjugat og en synlig farvet streg vil vises på testen. Tilstedeværelsen af stoffer over grænseværdien vil mætte alle bindingssteder på antistoffet. Derfor vil den farvede linje ikke formes i testområdet.

En stof-positiv urinprøve vil ikke fremkalde en farvet linje i det respektive testområde på strippen pga. den indbyrdes konkurrence stofferne imellem, mens en stof-negativ urinprøve vil fremkalde en streg i testområdet pga. fravær af konkurrence mellem stofferne. For at fungere som en proceduremæssig kontrol, vil en farvet streg altid komme til syne i kontrolområdet, hvilket indikerer at der er blevet givet den rette mængde prøve og at membran-opsugning er sket.

### REAGENSER

1) Testen indeholder en membran-strip som er beklædt med stof-protein-konjugater (BSA) på teststregen, et gedeflykonalt antistofmod guld-protein konjugat på kontrolstregen og en underlag med farvestof som indeholder kolloide guldpartikler beklædt med mus-monoklonalt antistof specifikt til individuelle stoffer på listen i afsnittet om "Tilslaget brug".

### FORHOLDSREGLER

- Kun til retsmedicinsk brug
- Brug ikke efter udløbsdato
- Testpanelet bør forblive i den lukkede pose indtil brug.
- Selvom urin ikke er klassificeret af OSHA eller CDC som en biologisk risiko/fare, undtagen hvis det er synligt smittet med blod 8,9, anbefales det at bruge handsker for at undgå uønsket kontakt med prøven
- Den brugte test og urinprøven bør kasseres i henhold til statslige og lokale regulativer.
- Testen er kun til engangsbrug.

### OPBEVARING OG BESTANDIGHED/HOLDBARHED

Opbevar den som pakket i den lukkede pose ved 2-30°C. Testen er bestandig indtil udløbsdatoen som findes på den lukkede pose. Testen skal blive i den lukkede pose indtil brug. MÅ IKKE FRYSES. Brug ikke testen efter udløbsdatoen.

### PRØVEINDSAMLING OG BEARBEJDELSE

Urinprøven skal indsamles i en ren og tør beholder. Det har ingen betydning hvilket tidspunkt på dagen man indsamler urinen. Urin prøver som fremviser synlige bundfald skal have tid til at falde ned for at opnå en ren prøve der kan testes.

**Opbevaring af prøven:** Urinprøver kan opbevares ved 2-8°C i op til 48 timer før der foretages en test. Ved forlænget opbevaring kan prøven fryses og opbevares under -20°C. Frosne prøver bør optøes og blandes før brug.

### MATERIALER

Testen, tørremiddel, pakkeindlæg, engangspipette (kun til Multi THC test)

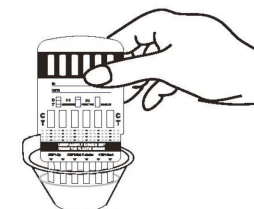
**Materialer der kræves, men ikke følger med i købet:**

Prøvebeholder, engangshandsker, stop-ur.

### BRUGSANVISNING

Testen skal helst have rumtemperatur inden brug [15-30°C]

1. Fjern testenheden fra folien.
2. Fjern hættten fra testenheden. Mærk testen med patientens ID eller anden kontrol-ID.
3. Dyp den absorberende spids i urinen i 5 sekunder. Urinprøven må ikke røre platenheden.
4. Put hættten på spidsen igen og læg enheden på en ikke-absorberende ren overflade.
5. Aflæs resultatet efter 5 minutter. Efter 10 min. skal der **ikke** tolkes på resultatet.



## ANALYSE AF RESULTATERNE

( jævnfør venligst foregående illustration)

**Negativt resultat:** Der kommer to streger tilsyne. En af de farvede streger bør være i kontrolområdet (C) og en anden synlig tilstedende streg bør fremkomme i testområde (T). Det negative resultat indikerer at koncentrationen af stoffet er under grænseværdien.

Note: Tydeligheden af farven i testområdet (T) kan variere, men testen bør analyseres som negativ ved selv den mindste farve.

**Positivt resultat:** En farvet streg kommer til syne i kontrolområdet (C). Der kommer ingen synlig streg i testområdet (T). Det positive resultat indikerer at stof-koncentrationen er over grænseværdien for det pågældende stof.

**Ugyldigt resultat:** Kontrolstregen kommer ikke til syne. Det skyldes sandsynligvis en utilstrækkelig prøvemængde eller ukorrekt procedure. Gennemse proceduren og gentag testen ved brug af en ny test. Hvis problemet fortsætter, stop da brugen af partiet og kontakt din leverandør

## KVALITETSKONTROL

I testen er der inkluderet en kontrol-procedure. Hvis en farvet streg kommer til syne i kontrolområdet (C) betragtes det som en intern kontrolprocedure. Det bekræfter tilstrækkelig mængde prøvemateriale, passende membran-opsugning og korrekt teknisk procedure.

## BEGRÆNSNINGER

**1.** Testdig narkotestesten giver kun kvalitative foreløbige analytiske resultater. Ønsker man et bekræftet resultat skal man foretage en sekundær analytisk prøve. Gaskromatografi/massespektometri (GC/MS) er den foretrukne metode til at få bekræftet et resultat.

**2.** Der kan forekomme tekniske eller proceduremæssige fejl, samt andre interfererende substanser i urinen der kan give fejlagtige resultater.

**3.** Forfalskning så som blegemiddel og/eller alun i urinprøven kan give fejlagtige resultater uanset hvilken analytisk metode man har benyttet. Hvis der er mistanke om forfalskning bør testen gentages med en anden urinprøve og en ny test.

**4.** Et positivt resultat indikerer ikke evt. forgiftningsniveau hos donor, koncentration af stof i urinen eller hvilken måde stoffet er indtaget på.

**5.** Et negativt resultat indikerer nødvendigvis ikke en stoffri-urin. Et negativt resultat kan opnås når stoffet er tilstede, men under testens grænseværdi.

**6.** Testen skelner ikke mellem misbrugsstoffer og særlige medicyntyper.

**7.** Et positivt resultat kan muligvis opnås ved indtagelse af vissetyper af fødevarer eller kosttilskud.

## FUNKTIONSKARAKTERISTIKA

### NØJAGTIGHED

I et komparativt studie blev testen sammenlignet med en GC/MS-refererende metode for at afgøre dets nøjagtighed. Der blev indsamlet kliniske urinprøver for hver af de stoffer der fremgår af nedenstående tabel.

| Test    | Compounds Contributed to the Totals of GC/MS                |
|---------|---|
| AMP     | Amphetamine   |
| BAR     | Secobarbital, Butalbital, Phenobarbital, Pentobarbital      |
| BZO     | Oxazepam, Nordiazepam, a -OH-Alprazolam, Desalkylflurazepam |
| BUP     | BUP Buorenorphine   |
| COC     | Benzoylgonine   |
| THC     | 11-nor- $\Delta^9$ -tetrahydrocannabinol-9-carboxylic acid  |
| MTD     | Methadone   |
| mAMP    | Methamphetamine   |
| MDMA    | D,L-Methylenedioxyamphetamine, Methylenedioxyamphetamine    |
| OPI,MOP | Morphine, Codeine   |
| OXY     | Oxycodone   |
| PCP     | Phencyclidine   |
| PPX     | Propoxyphene  |
| TCA     | Nortriptyline   |
| EDDP    | 2-Ethylidene-1,5-Dimethyl-3,3-Dipheylpyrrolidine            |

|       |  |
|-------|--|
| 6-ACM | 6-Acetylmorphine                               |
| COT   | Cotinine                                       |
| K2    | JWH-018 Pentanoic Acid / JWH-073 Butanoic Acid |
| KET   | Ketamine                                       |
| FEN   | Fentanyl                                       |
| TRA   | Tramadol                                       |

### De kliniske prøver blev målt med GC/MS analyse før testudførelsen.

%-vis overensstemmelse med GC/MS (COT testet mod Predicate Device)

|                    | AMP  | mAMP | OPI2000 | OPI300 | COC  | PCP | AMP30 | COC150 | THC20 | mAMP500 | 6-ACM | BAR | TCA |
|--------------------|------|------|---------|--------|------|-----|-------|--------|-------|---------|-------|-----|-----|
| Positive Agreement | 95%  | 96%  | >99%    | 96%    | 96%  | 95% | >99%  | >99%   | >99%  | >99%    | 98%   | 97% | 98% |
| Negative Agreement | >99% | >99% | 97%     | >99%   | >99% | 98% | >99%  | >99%   | >99%  | 99%     | 98%   | 98% | 99% |
| Overall Agreement  | 98%  | 98%  | 98%     | 98%    | 98%  | 95% | 99%   | >99%   | >99%  | 99%     | 98%   | 98% | 99% |

|                    | MDMA | BZO  | MTD | OXY  | EDDP | THC  | PPX | BUP  | AMP500 | COT  | K2 50 | K2 20 | KET  |
|--------------------|------|------|-----|------|------|------|-----|------|--------|------|-------|-------|------|
| Positive Agreement | 93%  | 96%  | 94% | 95%  | 98%  | 96%  | 95% | 93%  | >99%   | >99% | >97%  | >97%  | >99% |
| Negative Agreement | >99% | >99% | 98% | >99% | 95%  | >99% | 98% | >99% | >99%   | 99%  | 98%   | 98%   | 99%  |
| Overall Agreement  | 98%  | 98%  | 96% | 98%  | 96%  | 98%  | 96% | 94%  | 96%    | 96%  | 98%   | 98%   | >99% |

| Analyte   | BAR |     | MDMA |      | BZO |     | MTD |      | OXY |      | TCA |      | THC |      | KET  |      |
|---|-----|-----|------|------|-----|-----|-----|------|-----|------|-----|------|-----|------|------|------|
|   | Pos | Neg | Pos  | Neg  | Pos | Neg | Pos | Neg  | Pos | Neg  | Pos | Neg  | Pos | Neg  | Pos  | Neg  |
| Negative Samples  | 0   | 4   | 0    | 4    | 0   | 5   | 0   | 3    | 0   | 4    | 0   | 4    | 0   | 0    | 0    | 270  |
| Near Cut-off Negative Samples [between 50% of cut-off and cut-off]  | 1   | 37  | 0    | 36   | 0   | 28  | 1   | 44   | 0   | 36   | 0   | 36   | 0   | 15   | 0    | 0    |
| Near Cut-off Positive Samples [between cut-off and 150% of cut-off] | 34  | 1   | 33   | 3    | 27  | 2   | 27  | 2    | 34  | 2    | 35  | 1    | 23  | 1    | 274  | 1    |
| Positive Samples >150% of cut-off]                                  | 3   | 0   | 4    | 0    | 3   | 0   | 4   | 0    | 4   | 0    | 4   | 0    | 0   | 0    | 0    | 0    |
| Agreement with CC/MS  | 97% | 98% | 93%  | >99% | 94% | 98% | 95% | >99% | 95% | >99% | 98% | >99% | 96% | >99% | >99% | >99% |

| Analyte   | PCP |      | THC 20 |      | AMP 300 |     | mAMP |      | OPI 300 |     | OPI 2000 |      | COC  |      | K2 20 |      | K250 |      |      |
|---|-----|------|--------|------|---------|-----|------|------|---------|-----|----------|------|------|------|-------|------|------|------|------|
|   | Pos | Neg  | Pos    | Neg  | Pos     | Neg | Pos  | Neg  | Pos     | Neg | Pos      | Neg  | Pos  | Neg  | Pos   | Neg  | Pos  | Neg  |      |
| Negative Samples  | 0   | 1    | 0      | 40   | 0       | 42  | 0    | 4    | 0       | 3   | 0        | 17   | 0    | 0    | 0     | 0    | 0    | 0    | 0    |
| Near Cut-off Negative Samples [between 50% of cut-off and cut-off]  | 0   | 0    | 0      | 3    | 1       | 6   | 0    | 10   | 0       | 11  | 1        | 13   | 0    | 13   | 0     | 0    | 0    | 0    | 0    |
| Near Cut-off Positive Samples [between cut-off and 150% of cut-off] | 7   | 2    | 3      | 0    | 3       | 0   | 3    | 1    | 18      | 1   | 3        | 0    | 28   | 1    | 0     | 0    | 37   | 0    | 39   |
| Positive Samples >150% of cut-off]                                  | 28  | 0    | 47     | 0    | 40      | 0   | 22   | 0    | 7       | 0   | 6        | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    |
| Agreement with CC/MS  | 95% | >99% | >99%   | >99% | >99%    | 98% | 96%  | >99% | >99%    | 97% | 96%      | >99% | >97% | >99% | >97%  | >99% | >99% | >97% | >99% |

| Analyte   | AMP |      | PPX |     | EDDP |     | BUP |     | COC 150 |      | mAMP500 |     | AMP500 |     | 6-ACM |      | COT  |     |
|---|-----|------|-----|-----|------|-----|-----|-----|---------|------|---------|-----|--------|-----|-------|------|------|-----|
|   | Pos | Neg  | Pos | Neg | Pos  | Neg | Pos | Neg | Pos     | Neg  | Pos     | Neg | Pos    | Neg | Pos   | Neg  | Pos  | Neg |
| Negative Samples  | 0   | 1    | 0   | 20  | 0    | 20  | 0   | 20  | 0       | 40   | 0       | 42  | 0      | 20  | 0     | 20   | 0    | 185 |
| Near Cut-off Negative Samples [between 50% of cut-off and cut-off]  | 0   | 19   | 1   | 19  | 2    | 18  | 2   | 18  | 0       | 6    | 0       | 6   | 2      | 18  | 0     | 20   | 0    | 0   |
| Near Cut-off Positive Samples [between cut-off and 150% of cut-off] | 7   | 1    | 18  | 2   | 19   | 1   | 17  | 3   | 4       | 0    | 11      | 0   | 20     | 0   | 19    | 1    | 0    | 0   |
| Positive Samples >150% of cut-off]                                  | 13  | 0    | 20  | 0   | 20   | 0   | 20  | 0   | 51      | 0    | 31      | 0   | 20     | 0   | 20    | 0    | 103  | 12  |
| Agreement with CC/MS  | 93% | >99% | 95% | 98% | 98%  | 95% | 93% | 95% | >99%    | >99% | >99%    | 99% | >99%   | 95% | 98%   | >99% | >99% | 94% |

## REPRODUCERBARHED

Der er blevet lavet reproducerbarhedsstudier ved at bruge kommercielt tilgængelige standarder. Hver standard blev fortyndet i normalt stoffri urin for at give den passende koncentration. Resultaterne ses nedenfor:

### AMPHETAMINE (AMP 1000)

| Amphetamine conc.(ng/mL) | Total number of Determinations | Result      | Precision |
|--------------------------|--------------------------------|-------------|-----------|
| No drug present          | 40                             | 40 negative | >99%      |
| 500                      | 40                             | 40 negative | >99%      |
| 750                      | 40                             | 40 negative | >99%      |
| 1,000                    | 40                             | 40 positive | >99%      |
| 1,500                    | 40                             | 40 positive | >99%      |

### BENZODIAZEPINES (BZO)

| Oxazepam conc.(ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------|--------------------------------|-------------|-----------|
| No drug present       | 40                             | 40 negative | >99%      |
| 150                   | 40                             | 40 negative | >99%      |
| 225                   | 40                             | 40 negative | >99%      |
| 300                   | 40                             | 40 positive | >99%      |
| 450                   | 40                             | 40 positive | >99%      |

### COCAINE (COC 300)

| Benzoylgonine conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------------|--------------------------------|-------------|-----------|
| No drug present             | 40                             | 40 negative | >99%      |
| 150                         | 40                             | 40 negative | >99%      |
| 225                         | 40                             | 40 negative | >99%      |
| 375                         | 40                             | 40 positive | >99%      |
| 450                         | 40                             | 40 positive | >99%      |

### MARIJUANA (THC 200)

| 11-nor- $\Delta^9$ -THC-9-COOH conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|--|--------------------------------|-------------|-----------|
| No drug present                              | 30                             | 30 negative | >99%      |
| 100  | 30                             | 30 negative | >99%      |
| 300  | 30                             | 30 negative | >99%      |

### MARIJUANA (THC 100)

| 11-nor- $\Delta^9$ -THC-9-COOH conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|--|--------------------------------|-------------|-----------|
| No drug present                              | 30                             | 30 negative | >99%      |
| 50   | 30                             | 30 negative | >99%      |
| 150  | 30                             | 30 negative | >99%      |

### MARIJUANA (THC 50)

| 11-nor- $\Delta^9$ -THC-9-COOH conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|--|--------------------------------|-------------|-----------|
| No drug present                              | 40                             | 40 negative | >99%      |
| 25   | 40                             | 40 negative | >99%      |
| 37,5   | 40                             | 40 negative | >99%      |
| 50   | 40                             | 40 positive | >99%      |
| 75   | 40                             | 40 positive | >99%      |

#### METHADONE (mAMP 1000)

| Methamphetamine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-------------------------------|--------------------------------|-------------|-----------|
| No drug present               | 40                             | 40 negative | >99%      |
| 500                           | 40                             | 40 negative | >99%      |
| 750                           | 40                             | 40 negative | >99%      |
| 1,000                         | 40                             | 40 positive | >99%      |
| 1,500                         | 40                             | 40 positive | >99%      |

#### METHYLENEDIOXYMETHAMPHETAMINE (MDMA)

| Methylenedioxyamphetamine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|---|--------------------------------|-------------|-----------|
| No drug present                         | 40                             | 40 negative | >99%      |
| 250                                     | 40                             | 40 negative | >99%      |
| 375                                     | 40                             | 40 negative | >99%      |
| 500                                     | 40                             | 40 positive | >99%      |
| 750                                     | 40                             | 40 positive | >99%      |

#### OPIATE (OPI 300, MOP, MOR)

| Morphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|------------------------|--------------------------------|-------------|-----------|
| No drug present        | 40                             | 40 negative | >99%      |
| 150                    | 40                             | 40 negative | >99%      |
| 225                    | 40                             | 40 negative | >99%      |
| 300                    | 40                             | 40 positive | >99%      |
| 375                    | 40                             | 40 positive | >99%      |

#### OPIATE (OPI 2.000)

| Morphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|------------------------|--------------------------------|-------------|-----------|
| No drug present        | 40                             | 40 negative | >99%      |
| 1.000                  | 40                             | 40 negative | >99%      |
| 1.500                  | 40                             | 40 negative | >99%      |
| 2.000                  | 40                             | 40 positive | >99%      |
| 3.000                  | 40                             | 40 positive | >99%      |

#### BUPRENORPHINE (BUP)

| Buprenorphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------------|--------------------------------|-------------|-----------|
| No drug present             | 60                             | 60 negative | >99%      |
| 5                           | 60                             | 60 negative | >99%      |
| 15                          | 60                             | 60 positive | >99%      |
| 20                          | 60                             | 60 positive | >99%      |

| Buprenorphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------------|--------------------------------|-------------|-----------|
| No drug present             | 60                             | 60 negative | >99%      |
| 25                          | 60                             | 60 negative | >99%      |
| 75                          | 60                             | 60 positive | >99%      |

#### KETAMIN (KET)

| Buprenorphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------------|--------------------------------|-------------|-----------|
| No drug present             | 24                             | 24 negative | >99%      |
| 500                         | 24                             | 24 negative | >99%      |
| 1.000                       | 24                             | 24 positive | >99%      |
| 1.500                       | 24                             | 24 positive | >99%      |

#### FENTANYL (FEN)

| Buprenorphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------------|--------------------------------|-------------|-----------|
| No drug present             | 60                             | 60 negative | >99%      |
| 10                          | 60                             | 60 negative | >99%      |
| 30                          | 60                             | 60 positive | >99%      |

#### COTININ (COT)

| Buprenorphine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-----------------------------|--------------------------------|-------------|-----------|
| No drug present             | 60                             | 60 negative | >99%      |
| 100                         | 60                             | 60 negative | >99%      |
| 400                         | 60                             | 60 positive | >99%      |

#### OXYCODON (OXY)

| Methamphetamine Conc. (ng/mL) | Total number of Determinations | Result      | Precision |
|-------------------------------|--------------------------------|-------------|-----------|
| No drug present               | 40                             | 40 negative | >99%      |
| 50                            | 40                             | 40 negative | >99%      |
| 75                            | 40                             | 40 negative | >99%      |
| 100                           | 40                             | 40 positive | >99%      |
| 150                           | 40                             | 40 positive | >99%      |

## ANALYTISK FØLSOMHED

En stoffri urinprøvesamling blev tilsat stoffer i koncentrationer som listet nedenfor. Resultaterne er opsummeret her.

| Drug concentration Cut-off Range | n  | AMP 1000 |    | BAR |    | BZO |    | COC 300 |    | THC 50 |    |
|----------------------------------|----|----------|----|-----|----|-----|----|---------|----|--------|----|
|                                  |    | -        | +  | -   | +  | -   | +  | -       | +  | -      | +  |
| 0% Cut-off                       | 10 | 10       | 0  | 10  | 0  | 10  | 0  | 10      | 0  | 10     | 0  |
| -50% Cut-off                     | 10 | 10       | 0  | 10  | 0  | 10  | 0  | 10      | 0  | 10     | 0  |
| -25% Cut-off                     | 10 | 10       | 0  | 10  | 0  | 10  | 0  | 10      | 0  | 10     | 0  |
| Cut-off                          | 10 | 0        | 10 | 0   | 10 | 0   | 10 | 0       | 10 | 0      | 10 |
| +25% Cut-off                     | 10 | 0        | 10 | 0   | 10 | 0   | 10 | 0       | 10 | 0      | 10 |
| +50% Cut-off                     | 10 | 0        | 10 | 0   | 10 | 0   | 10 | 0       | 10 | 0      | 10 |

| Drug concentration Cut-off Range | n  | MTD |    | mAMP1000 |    | MDMA |    | MOP |    | OPI 2000 |    | OXY |    | PCP |    | TCA |    |
|----------------------------------|----|-----|----|----------|----|------|----|-----|----|----------|----|-----|----|-----|----|-----|----|
|                                  |    | -   | +  | -        | +  | -    | +  | -   | +  | -        | +  | -   | +  | -   | +  | -   | +  |
| 0% Cut-off                       | 10 | 10  | 0  | 10       | 0  | 10   | 0  | 10  | 0  | 10       | 0  | 10  | 0  | 10  | 0  | 10  | 0  |
| -50% Cut-off                     | 10 | 10  | 0  | 10       | 0  | 10   | 0  | 10  | 0  | 10       | 0  | 10  | 0  | 10  | 0  | 10  | 0  |
| -25% Cut-off                     | 10 | 10  | 0  | 10       | 0  | 10   | 0  | 10  | 0  | 10       | 0  | 10  | 0  | 10  | 0  | 10  | 0  |
| Cut-off                          | 10 | 0   | 10 | 0        | 10 | 0    | 10 | 0   | 10 | 0        | 10 | 0   | 10 | 0   | 10 | 0   | 10 |
| +25% Cut-off                     | 10 | 0   | 10 | 0        | 10 | 0    | 10 | 0   | 10 | 0        | 10 | 0   | 10 | 0   | 10 | 0   | 10 |
| +50% Cut-off                     | 10 | 0   | 10 | 0        | 10 | 0    | 10 | 0   | 10 | 0        | 10 | 0   | 10 | 0   | 10 | 0   | 10 |

| Drug concentration Cut-off Range | n  | AMP 300 |    | COC 150 |    | THC 20 |    | mAMP 500 |    |
|----------------------------------|----|---------|----|---------|----|--------|----|----------|----|
|                                  |    | -       | +  | -       | +  | -      | +  | -        | +  |
| 0% Cut-off                       | 25 | 25      | 0  | 25      | 0  | 25     | 0  | 25       | 0  |
| -50% Cut-off                     | 25 | 25      | 0  | 25      | 0  | 25     | 0  | 25       | 0  |
| -25% Cut-off                     | 25 | 25      | 0  | 25      | 0  | 25     | 0  | 25       | 0  |
| Cut-off                          | 25 | 1       | 24 | 3       | 22 | 2      | 23 | 2        | 23 |
| +25% Cut-off                     | 25 | 0       | 25 | 0       | 25 | 0      | 25 | 0        | 25 |
| +50% Cut-off                     | 25 | 0       | 25 | 0       | 25 | 0      | 25 | 0        | 25 |

| Drug concentration Cut-off Range | n  | BUP |    | PPX |    | EDDP |    | 6-ACM |    | AMP500 |    | COT |    |
|----------------------------------|----|-----|----|-----|----|------|----|-------|----|--------|----|-----|----|
|                                  |    | -   | +  | -   | +  | -    | +  | -     | +  | -      | +  | -   | +  |
| 0% Cut-off                       | 90 | 90  | 0  | 90  | 0  | 90   | 0  | 90    | 0  | 90     | 0  | 90  | 0  |
| -50% Cut-off                     | 90 | 90  | 0  | 90  | 0  | 90   | 0  | 90    | 0  | 90     | 0  | 90  | 0  |
| -25% Cut-off                     | 90 | 81  | 9  | 81  | 9  | 78   | 12 | 80    | 10 | 81     | 9  | 90  | 0  |
| Cut-off                          | 90 | 48  | 42 | 44  | 46 | 41   | 49 | 46    | 44 | 45     | 45 | 63  | 27 |
| +25% Cut-off                     | 90 | 11  | 79 | 12  | 78 | 15   | 75 | 12    | 78 | 10     | 80 | 40  | 50 |
| +50% Cut-off                     | 90 | 0   | 90 | 0   | 90 | 0    | 90 | 0     | 90 | 0      | 90 | 16  | 74 |
| 2X Cut-off                       | 90 | 0   | 90 | 0   | 90 | 0    | 90 | 0     | 90 | 0      | 90 | 0   | 90 |

| Drug concentration<br>Cut-off Range | n  | K2 50 |    | K2 20 |    | n  | FEN |    | TRA |    |
|-------------------------------------|----|-------|----|-------|----|----|-----|----|-----|----|
|                                     |    | -     | +  | -     | +  |    | -   | +  | -   | +  |
| 0% Cut-off                          | 10 | 10    | 0  | 10    | 0  | 30 | 30  | 0  | 30  | 0  |
| -50% Cut-off                        | 10 | 10    | 0  | 10    | 0  | 30 | 30  | 0  | 30  | 0  |
| -25% Cut-off                        | 10 | 10    | 0  | 10    | 0  | 30 | 30  | 0  | 30  | 0  |
| Cut-off                             | 10 | 0     | 10 | 0     | 10 | 30 | 2   | 28 | 2   | 28 |
| +25% Cut-off                        | 10 | 0     | 10 | 0     | 10 | 30 | 0   | 30 | 0   | 30 |
| +50% Cut-off                        | 10 | 0     | 10 | 0     | 10 | 30 | 0   | 30 | 0   | 30 |
| Drug concentration<br>Cut-off Range | n  | KET   |    |       |    |    |     |    |     |    |
|                                     |    | -     |    |       | +  |    |     |    |     |    |
| 0% Cut-off                          | 30 | 30    |    |       | 0  |    |     |    |     |    |
| -50% Cut-off                        | 30 | 30    |    |       | 0  |    |     |    |     |    |
| Cut-off                             | 30 | 0     |    |       | 30 |    |     |    |     |    |
| +50% Cut-off                        | 30 | 0     |    |       | 30 |    |     |    |     |    |

| Drug concentration<br>Cut-off Range | THC 200 |    | THC100 |    |
|-------------------------------------|---------|----|--------|----|
|                                     | -       | +  | -      | +  |
| 0% Cut-off                          | 25      | 0  | 25     | 0  |
| -50% Cut-off                        | 25      | 0  | 25     | 0  |
| -25% Cut-off                        | 25      | 0  | 25     | 0  |
| Cut-off                             | 2       | 23 | 1      | 24 |
| +25% Cut-off                        | 0       | 25 | 0      | 25 |
| +50% Cut-off                        | 0       | 26 | 0      | 25 |

### ANALYTISKSPECIFICITET

Nedenstående tabel viser de koncentrationsgrænseværdier i ng/mL, som blev registreret positive med narkotesten efter 5 minutter.

| Drug                            | Concentration (ng/mL) |
|---------------------------------|-----------------------|
| <b>AMPHETAMINE (AMP 1000)</b>   |                       |
| d-amphetamine                   | 1.000                 |
| D, l-amphetamine                | 1.000                 |
| l-amphetamine                   | 20.000                |
| Phentermine                     | 1.250                 |
| (+/-)-Methylenedioxyamphetamine | 1.500                 |
| <b>BENZODIAZEPINES (BZO)</b>    |                       |
| a-Hydroxyalprazolam             | 1.260                 |
| Alprazolam                      | 200                   |
| Bromazepam                      | 1.560                 |
| Chloradiazepoxide               | 1.565                 |
| Chloradiazepoxide HCl           | 780                   |
| Clobazam                        | 100                   |
| Clonazepam                      | 785                   |
| Clorazepate Dipotassium         | 195                   |
| Delorazepam                     | 1.560                 |
| Desalkylflurazepam              | 390                   |
| Diazepam                        | 195                   |
| Estazolam                       | 2.500                 |
| Flutrazepam                     | 385                   |
| (±) Lorazepam                   | 1.560                 |
| RS-Lorazepam glucuronide        | 160                   |
| Midazolam                       | 12.500                |
| Nitrazepam                      | 95                    |
| Norchlordiazepoxide             | 200                   |
| Nordiazepam                     | 390                   |
| Oxazepam                        | 300                   |

| Temazepam   | 100                   |
|---|-----------------------|
| Triazolam Triazolam   | 2.500                 |
| <b>BUPRENORPHINE (BUP)</b>  |                       |
| Buprenorphine   | 10                    |
| Norbuprenorphine  | 20                    |
| <b>COCAINE (COC 300)</b>  |                       |
| Benzoylcegonine   | 300                   |
| Cocaethylene  | 300                   |
| Cocaine   | 300                   |
| Metoclopramide  | 80000                 |
| Procaine  | 75000                 |
| Drug  | Concentration (ng/mL) |
| <b>MARIJUANA (THC 200)</b>  |                       |
| 11-nor- $\Delta^9$ -THC-9-COOH                                    | 200                   |
| Delta-9 Tetrahydrocannabinol                                      | 20.000                |
| (+) -11-nor-delta-9-THC-carboxy acid glucuronide                  | 2.500                 |
| (+/-) 11-Hydroxy-delta-9-THC                                      | 10.000                |
| <b>MARIJUANA (THC 100)</b>  |                       |
| 11-nor- $\Delta^9$ -THC-9-COOH                                    | 100                   |
| Delta-9 Tetrahydrocannabinol                                      | 20.000                |
| (+)-11-nor-delta-9-THC-carboxy acid glucuronide                   | 2.500                 |
| (+/-) 11-Hydroxy-delta-9-THC                                      | 10.000                |
| <b>MARIJUANA (THC 50)</b>   |                       |
| 11-nor- $\Delta^9$ -THC-9-COOH                                    | 50                    |
| 11-Hydroxy- $\Delta^9$ -Tetrahydrocannabinol                      | 5.000                 |
| 11-nor- $\Delta^8$ -THC-9-COOH                                    | 50                    |
| 11-nor- $\Delta^8$ -Tetrahydrocannabinol-9 Carboxylic Glucuronide | 2.500                 |
| $\Delta^9$ THC  | 20.000                |
| $\Delta^8$ THC  | 20.000                |
| <b>MARIJUANA (THC 20)</b>   |                       |
| 11-nor- $\Delta^9$ -THC-9-COOH                                    | 20                    |
| 11-nor- $\Delta^8$ -THC-9-COOH                                    | 50                    |
| Cannabinol  | 15.000                |
| $\Delta^9$ THC  | 10.000                |
| $\Delta^8$ THC  | 10.000                |
| <b>METHADONE (MTD)</b>  |                       |
| Methadone   | 300                   |
| Doxylamine  | 50.000                |
| <b>METHAMPHETAMINE (mAMP 1000)</b>                                |                       |
| /+/-3,4-Methylenedioxy-N-ethylamohetamine                         | 20.000                |
| Procaine/Novocaine\   | 60.000                |
| Trimethobenzamide   | 20.000                |
| +/- methamohetamine   | 1.000                 |
| + methamohetamine   | 1.000                 |
| Ranitidine (Zantac)   | 50.000                |
| Methylenedioxy-methamphetamine                                    | 2.500                 |
| <b>METHYLENEDIOXYMETHAMPHETAMINE (MDMA)</b>                       |                       |
| D L-3 4-Methylenedioxy-methamphetamine                            | 500                   |
| 3 4-Methylenedioxy-amphetamine                                    | 3.000                 |
| (+/-) 3 4-Methylenedioxy-N-ethylamphetamine                       | 300                   |
| <b>OPIATES (OPI 300, MOP, MOR)</b>                                |                       |
| 6-acetylmorphine  | 500                   |
| Codeine   | 100                   |
| Eserine (Physostigmine)   | 15.000                |
| Ethylmorphine   | 100                   |
| Heroin  | 500                   |
| Hydromorphone   | 2.000                 |
| Hydrocodone   | 1.250                 |
| Morphine  | 300                   |

|                            |         |
|----------------------------|---------|
| Morphine-3-glucuronide     | 75      |
| Oxycodone                  | 75.000  |
| Thebaine                   | 13000   |
| <b>OPIATES (OPI 2000)</b>  |         |
| 6-acetylmorphine           | 1.000   |
| Codeine                    | 800     |
| Ethylmorphine              | 400     |
| Heroin                     | 10.000  |
| Hydromorphone              | 2.000   |
| Hydrocodone                | 5.000   |
| Morphine                   | 2.000   |
| Morphine-3-glucuronide     | 1.000   |
| Oxycodone                  | 50.000  |
| Thebaine                   | 26      |
| <b>KETAMINE (KET)</b>      |         |
| Ketamine                   | 1.000   |
| Methadone                  | 100.000 |
| Meperidine                 | 30.000  |
| Methamphetamine            | 40.000  |
| Methoxyphenamine           | 20.000  |
| D-methamphetamine          | 40.000  |
| Promethazine               | 50.000  |
| Phencyclidine              | 10.000  |
| Bupivacaine                | 20.000  |
| Disopyramide               | 100.000 |
| Eserine                    | 70.000  |
| Glutathione reduced        | 50.000  |
| Mianserin                  | 30.000  |
| Naphazoline hydrochloride  | 20.000  |
| Nomifensine                | 100.000 |
| Prilocaine                 | 50.000  |
| Promazine                  | 100.000 |
| Pyrilamine                 | 50.000  |
| Thioridazine hydrochloride | 100.000 |
| Benzthiazide               | 100.000 |
| Picrotoxin                 | 10.000  |
| Phenyltoloxamine           | 100.000 |
| 2,4,6-Trimethylbenzamide   | 100.000 |
| <b>FENTANYL (FEN)</b>      |         |
| Fentanyl                   | 20      |
| <b>TRAMADOL (TRA)</b>      |         |
| Tramadol                   | 50      |
| <b>COTININE (COT)</b>      |         |
| (-)Cotinine                | 200     |
| (-)Notinine                | 6.250   |
| <b>OXYCODONE (OXY)</b>     |         |
| Oxycodone                  | 100     |
| Codeine                    | 50.000  |
| Dihydrocodeine             | 12.500  |
| Ethylmorphine              | 25.000  |
| Hydrocodone                | 1.580   |
| Hydromorphone              | 12.500  |
| Oxymorphone                | 1.580   |
| Thebaine                   | 50.000  |





Dipyridamole  
Desoximetason  
R(-)-Epinephrine  
Emeline dihydro-chloride hydrate Ethyl acetate  
Fluphenazine dihydrochloride  
(+/-)-4-Hydroxyamphetamine HCL  
Hydroxyurea  
Haloperidol  
Methyl salicylate  
Methoxyamine hydrochloride  
Metaproterenol hemisulfate salt Norfludiazepam  
Oxymorphone  
Ofloxacin  
Picrotoxin  
Potassium chloride  
Pargyline  
Propionylpromazine  
Sertraline  
Trichlormethiazide  
Trimethoprim  
L-Thyroxine  
Vincamine  
Vanillic acid diethylamine

**Cotinine Non Cross-Reacting Compounds**  
**\*Parent compound only:**

Acetone  
Acetophenetidin  
Albumin  
Amityryptiline  
Amobarbital Amoxicillin L-  
amphetamine Ampicillin  
Apomorphine  
Aspartame  
Atropine  
Benzoic Acid  
Benzoylecgonine Benzyl  
Alcohol  
Bilirubin Brompheniramine  
Buspirone  
Caffeine  
Cannabidiol  
Captopril  
Chloral Hydrate  
Chloramphenicol  
Chlordiazepoxide  
Chloroquine  
(+)-Chlorpheniramine  
(±)Chlorpheniramine  
Chlorpromazine  
Chlorprothixene Cholestrol  
Cimetidine  
Clomipramine  
Clonidine  
Cocaine  
Codeine  
Cortisone  
Creatinine  
Cyclobarbitol  
Cyclobenzaprine  
Deoxycorticosterone  
Delorazepam  
Desoximetason  
Dextromethorphan Diazepam

Dipyron  
Digoxin  
4-Dimethylaminoantipyrine  
Diffunisal  
5,5-Diphenylhydantoin  
Disopyramide Doxylamine

Ecgonine Methyleneester  
EDDP Ephedrine  
Erythromycin  
B-Estradiol  
Ethanol  
Ethyl-p-aminobenzoate  
Etodolac  
Fenfluramine  
Fenoprofen  
Furosemide  
Gentic acid  
d (+) Glucose  
Hydralazine  
Hydrochlorothiazide  
Hydrocodone  
Hydrocortisone  
Hydromorphone  
( +/)-4-  
Hydroxyamphetamine HCL  
o-Hydroxyhippuric acid  
p-  
Hydroxymethamphetamine  
( 1 R, 9S )-( - )-13-  
Hydrastine Hydroxyzine 3-  
Hydroxytyramine Ibuprofen

Imipramine  
Imidazole  
(-)-Isoproterenol  
Isoxsuprine  
Ketamine  
Labetalol  
L-Ascorbic acid  
L-Epinephrine Levorphanol  
Lidocaine Lisinopril  
Loperamide Maprotiline  
Meperidine Mefenamic  
Acid Meprobamate  
Methadone  
d-Methamphetamine L-  
Methamphetamine  
Methoxyphenamine MDA\*  
MDMA\*\*  
Methylphenidate  
Morphine Sulfate  
Nalorphine  
Naloxone  
Naltrexone Nimesulide  
Norethindrone  
d-Norpropoxyphene  
Noscapine  
d,l-Octopamine  
Orphenadrine Oxalic acid  
Oxazepam  
Oxypurinol  
Oxycodone  
Oxymetazoline  
Oxymorphone  
Papaverine  
Paracetamol  
Penicillin-G  
Pentobarbital  
Perphenazine  
Phenylephrine-L  
Phencyclidine  
Phenelzine  
Pheniramine  
Phenobarbital  
Phenothiazine  
Phentermine  
B-Phenylethylamine  
(±)Phenylpropanolamine  
Prednisolone  
Procaine  
Promazine  
Promethazine  
Propranolol  
d-Propoxyphene  
Pseudoephedrine

Quinacrine  
Quinidine  
Quinine  
Ranitidine  
Riboflavin  
Salicylic acid  
Secobarbital  
Serotonin  
Sodium Chloride  
Sulfamethazine  
Sulindac  
Temazepam  
Tetracycline  
Tetrahydrocortisone  
Tetrahydrozoline  
Thebaine  
Theophylline  
Thiamine  
Thioridazine  
l-Thyroxine  
Tramadol  
Trazodone  
Trifluoperazine  
Trimethoprim  
Tryptamine  
d,l-Tryptophan  
Tyramine  
d,l-Tyrosine  
Uric Acid  
Zomepirac  
\*MDA=3,4-  
Methylenedioxyamphetamine  
\*\*MDMA =3,4-  
Methylenedioxyamphetameta  
mine

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## SYMBOLLISTE



Opbevares ved 2-30°C



Engangstest



Udløbsdato



Batch nummer



Antal test i pakken



In vitro diagnostik



Læs vejledningen



Europæisk repræsentant



Fabrikant



CE-mærkning

REF: 19042020MR



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