

# Drugs of Abuse and Pain Management

Whole Blood Controls



**UTAK**

HAND-CRAFTED CUSTOM QC FOR LDTS

## Do Your QC Materials Mimic Patient Samples?

Behind each test result is a real human being with a story to tell.

Therapeutic Drug Monitoring and Drugs of Abuse testing can save lives, which is why UTAK Quality Controls are made with only 100% REAL Human Whole Blood to preserve the integrity of your test results. Our ongoing commitment to using only 100% REAL Human Matrices is a commitment to those individuals relying on your test, your result, and their improved quality of life.

### We make QC for Life

- to Improve Lives
- to Protect Lives
- to Save Lives

# UTAK





# Drugs of Abuse

UTAK Drugs of Abuse Level 1 whole blood toxicology control is for use as a control material to evaluate the performance of an analytical test method.

Form:  
**Lyophilized**

Size:  
**5 x 5 mL**

Storage:  
**2-8°C (35-46°F)**

Shelf Life:  
**30 months**

Reconstituted Stability:  
**25 days**

	Level 1	Level 2
	REF 98818	REF 98819
Analyte	Target Value	Target Value
d-Amphetamine	100 ng/mL	500 ng/mL
(±)-3,4-Methylenedioxyamphetamine (MDA)	100 ng/mL	500 ng/mL
d-Methamphetamine	100 ng/mL	500 ng/mL
(±)-3,4-Methylenedioxymethamphetamine (MDMA)	100 ng/mL	500 ng/mL
(±)-3,4-Methylenedioxyethylamphetamine (MDEA)	100 ng/mL	500 ng/mL
Cocaine	100 ng/mL	500 ng/mL
Benzoylcegonine	100 ng/mL	500 ng/mL
Cocaethylene	100 ng/mL	500 ng/mL
Codeine	100 ng/mL	500 ng/mL
Hydrocodone	100 ng/mL	500 ng/mL
Morphine	100 ng/mL	500 ng/mL
(1)-9-Carboxy-11-nor-Delta-9-THC (THC-COOH)	100 ng/mL	500 ng/mL

# Pain Management 100

There are a wide variety of compounds utilized to control pain. These compounds and their metabolites can be detected and quantitated in whole blood.

Form:  
**Lyophilized**

Size:  
**5 x 5 mL**

Storage:  
**2-8°C (35-46°F)**

Shelf Life:  
**30 months**

Reconstituted Stability:  
**25 days**

	REF 21080
Analyte	Target Value
Norbuprenorphine	10 ng/mL
Codeine	100 ng/mL
Fentanyl	10 ng/mL
Norfentanyl	10 ng/mL
Hydrocodone	100 ng/mL
Hydromorphone	100 ng/mL
Meperidine	100 ng/mL
Methadone	100 ng/mL
Methadone Primary Metabolite (EDDP)	100 ng/mL
Morphine	100 ng/mL
Oxycodone	100 ng/mL
Oxymorphone	100 ng/mL
Tapentadol	100 ng/mL
Tramadol	100 ng/mL

# Fentanyl Analogues 2 ng/mL

The Fentanyl Analogues 2 ng/mL, whole blood toxicology control is for use as a control material to evaluate the performance of an anlytical text method.

Form:  
**Frozen**

Size:  
**5 x 3 mL**

Storage:  
**-10°C (14°F)**

Shelf Life:  
**18 months**

Thawed Stability:  
**25 days**

	REF 10189
Analyte	Target Value
4-ANPP	2 ng/mL
Acetylfentanyl	2 ng/mL
Acrylfentanyl	2 ng/mL
Alfentanil	2 ng/mL
Butyryl Fentanyl	2 ng/mL
Carfentanyl	2 ng/mL
cis-3-Methylfentanyl	2 ng/mL
Crotonylfentanyl	2 ng/mL
Fentanyl	2 ng/mL
Furanyl Fentanyl	2 ng/mL
Isobutyrylfentanyl	2 ng/mL
m-Methylmethoxyacetylfentanyl	2 ng/mL
Methoxyacetylfentanyl	2 ng/mL
Norfentanyl	2 ng/mL
Ocfentanyl	2 ng/mL
ortho-Fluorofentanyl	2 ng/mL
para-Fluorobutyrylfentanyl	2 ng/mL
para-Fluoroisobutyrylfentanyl	2 ng/mL
para-Fluorofentanyl	2 ng/mL
Sufentanil	2 ng/mL
Tetrahydrofuran Fentanyl	2 ng/mL
U-47700	2 ng/mL
U-49900	2 ng/mL
U-51754	2 ng/mL
Valeryl fentanyl	2 ng/mL
Cyclopropylfentanyl	2 ng/mL

# Benzodiazepines Plus

Benzodiazepines are class of anti-anxiety agents which interfere with the inhibitory neurotransmitter gamma-aminobutyric acid (GABA). In toxicology, all unknown cause deaths are screened for benzodiazepines. The sample screened is usually whole blood.

Form:  
**Lyophilized**

Size:  
**5 x 5 mL**

Storage:  
**2-8°C (35-46°F)**

Shelf Life:  
**30 months**

Reconstituted Stability:  
**25 days**

REF 12100	
Analyte	Target Value
Alprazolam	100 ng/mL
α-Hydroxyalprazolam	100 ng/mL
Chlordiazepoxide	100 ng/mL
Clobazam	100 ng/mL
Clonazepam	100 ng/mL
7-Aminoclonazepam	100 ng/mL
Diazepam	100 ng/mL
Nordiazepam	100 ng/mL
Estazolam	100 ng/mL
Flunitrazepam	100 ng/mL
7-Aminoflunitrazepam	100 ng/mL
Flurazepam	100 ng/mL
Desalkylflurazepam	100 ng/mL
2-Hydroxyethylflurazepam	100 ng/mL
Lorazepam	100 ng/mL
Midazolam	100 ng/mL
Nitrazepam	100 ng/mL
7-Aminonitrazepam	100 ng/mL
Oxazepam	100 ng/mL
Temazepam	100 ng/mL
Triazolam	100 ng/mL
α-Hydroxytriazolam	100 ng/mL
Zolpidem	100 ng/mL





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