

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf	
	Participant : ZMD001 Sample Lot : UR-2601	Issued on 11/02/2026 Authorized by RQS Sonia Zanghini	

Bio-Group Medical System s.r.l.

QS Division

qs@biogroupmedicalsistem.com

+39 0541920686 int 3

Cycle: SEDIMENTO URINARIO CYCLE 2026; JANUARY 2026

Enroled participants : 68

Subcontract Activities: Homogeneity and stability test and sera production. The PTP declares the assumption of responsibility towards the participants for the subcontracted work

Authorized by: RQS Sonia Zanghini

Coordinator: COP Luigi Polidoro

Contacts: email: COP@biogms.it

Telephone: +390541920686 **Fax:** +390541920180

Proficiency test object: Urine

Lot: UR-2601

Lot expiration: 2026-05-31

Homogeneity: Data available on request

Confidentiality: All communications relating to the QS programs take place in a confidential manner between the QS Division and each individual laboratory. Participants are assigned a specific confidential identification code. These reserved codes are known to the QS Division, to the single laboratory and to the appointed officers.



**SEDIMENTO URINARIO CYCLE 2026 - JANUARY
2026**

RdP: Final Revision
ZMD001_31_2026_1_1.pdf

**Participant : ZMD001
Sample Lot : UR-2601**

Issued on 11/02/2026
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Sonia Zanghini

Analyte	RDS
CILINDRI GRANULOSI	0,0000
Low epithelium cells	0,0000
Medium epithelium cells	0,0000
High epithelium cells	0,0000
Transitional epithelium cells	0,0000
Iline cylinder	0,0000
CILINDRI ERITROCITARI	0,0000
Leucocytes Cylinder	0,0000
Cereum cylinder	0,0000
Epithelial cylinder	0,0000
Fatty cylinder	0,0000
Bacteria cylinder	0,0000
Calcium oxalate crystals	0,0000
Urate crytals	0,0000
Ammonium phosphate crystals	0,0000
Cystine Crystals	0,0000
Uric Acid Crystals	0,0000
Leucyne Crystals	0,0000
Tyrosine crystals	0,0000
Phosphate Crytals	0,0000
Triple Phosphate Crystals	0,0000
Red Cells;	0,0000
Leucocytes	0,0000
Mycetes	0,0000
Bacteria	0,0000
Sperm	0,0000

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf	
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Target value assignement procedure

For each measurand of this evaluation test the assigned value is determined by reporting the result expressed by the highest number of participants in percentage

Performance index

""If the result provided matches the assigned value, the ""Acceptable"" judgment will be given as a performance index. If the result provided does not correspond to the assigned value, the judgment will be provided, as a performance index: ""unacceptable""



SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026

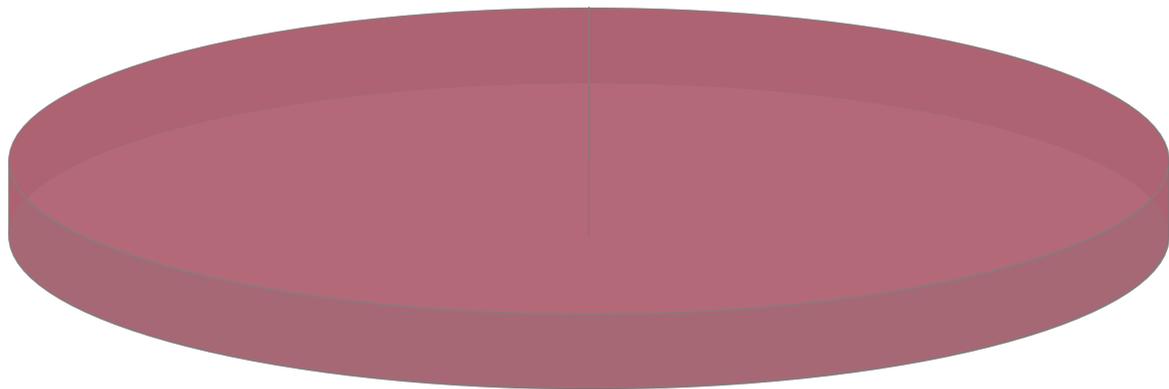
RdP: Final Revision
ZMD001_31_2026_1_1.pdf

Participant : ZMD001
Sample Lot : UR-2601

Issued on 11/02/2026
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Analyte **Leucocytes Cylinder** Analyzer **Manual - Manual** Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	13		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE



SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026

RdP: Final Revision
ZMD001_31_2026_1_1.pdf

Participant : ZMD001
Sample Lot : UR-2601

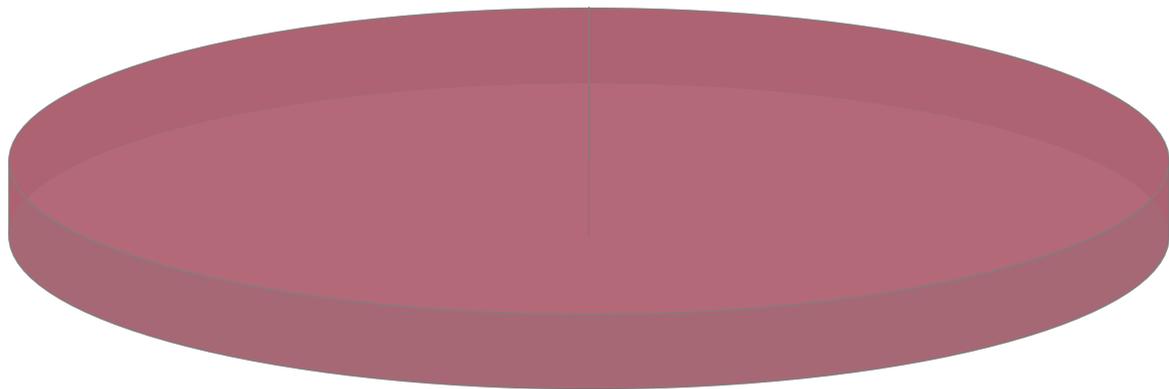
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Sonia Zanghini

Analyte **Cystine Crystals**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

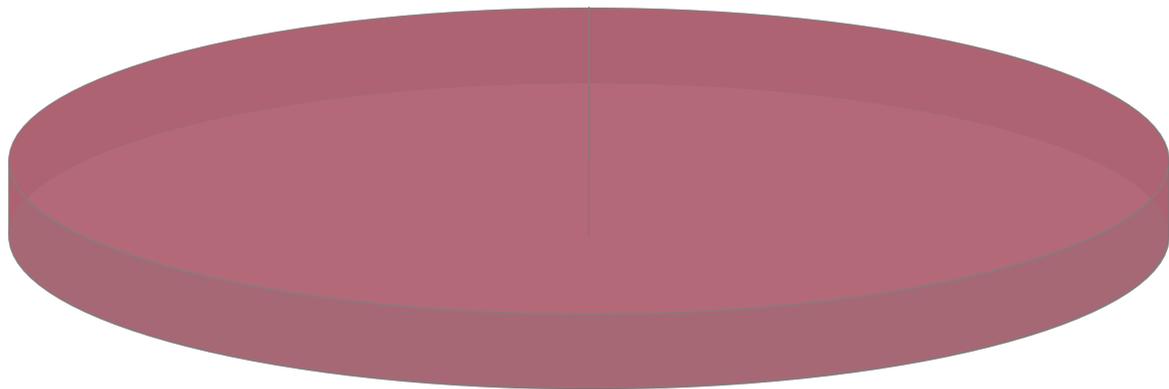
FEBRUARY 2026
ACCEPTABLE

Analyte **Mycetes**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE



SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026

RdP: Final Revision
ZMD001_31_2026_1_1.pdf

Participant : ZMD001
Sample Lot : UR-2601

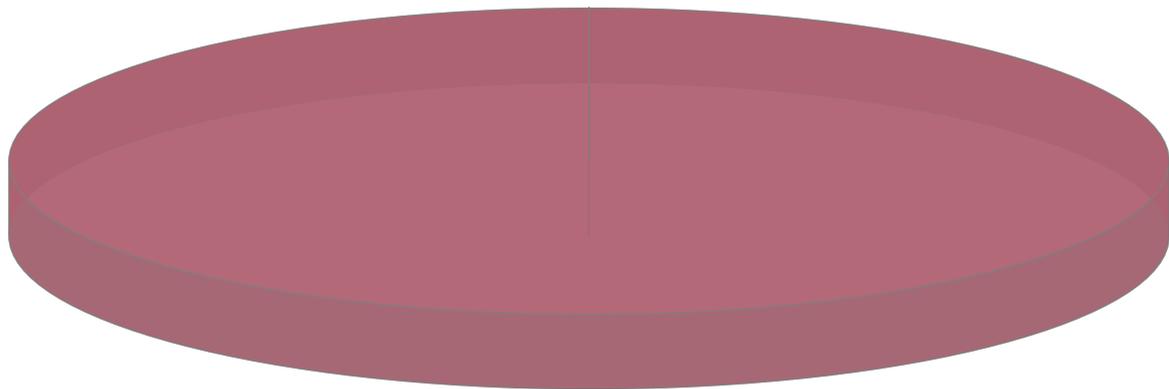
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Sonia Zanghini

Analyte **Transitional epithelium cells**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE



SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026

RdP: Final Revision
ZMD001_31_2026_1_1.pdf

Participant : ZMD001
Sample Lot : UR-2601

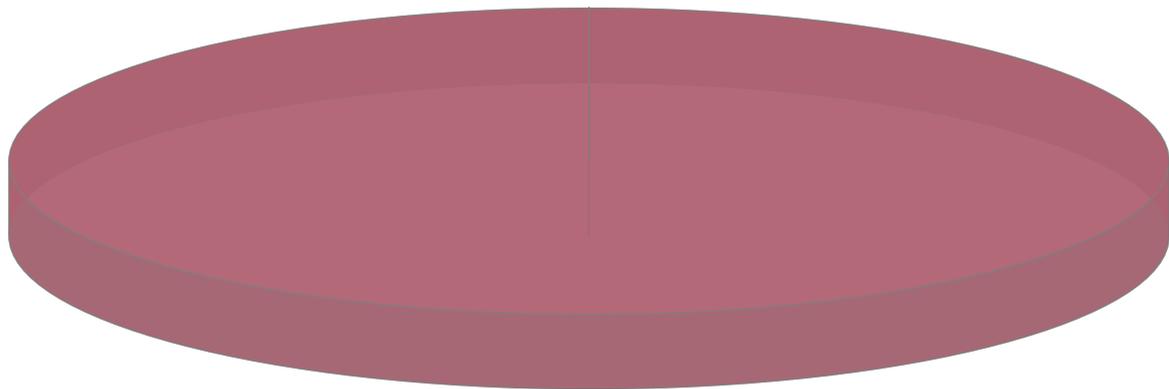
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Analyte **Tyrosine crystals**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution

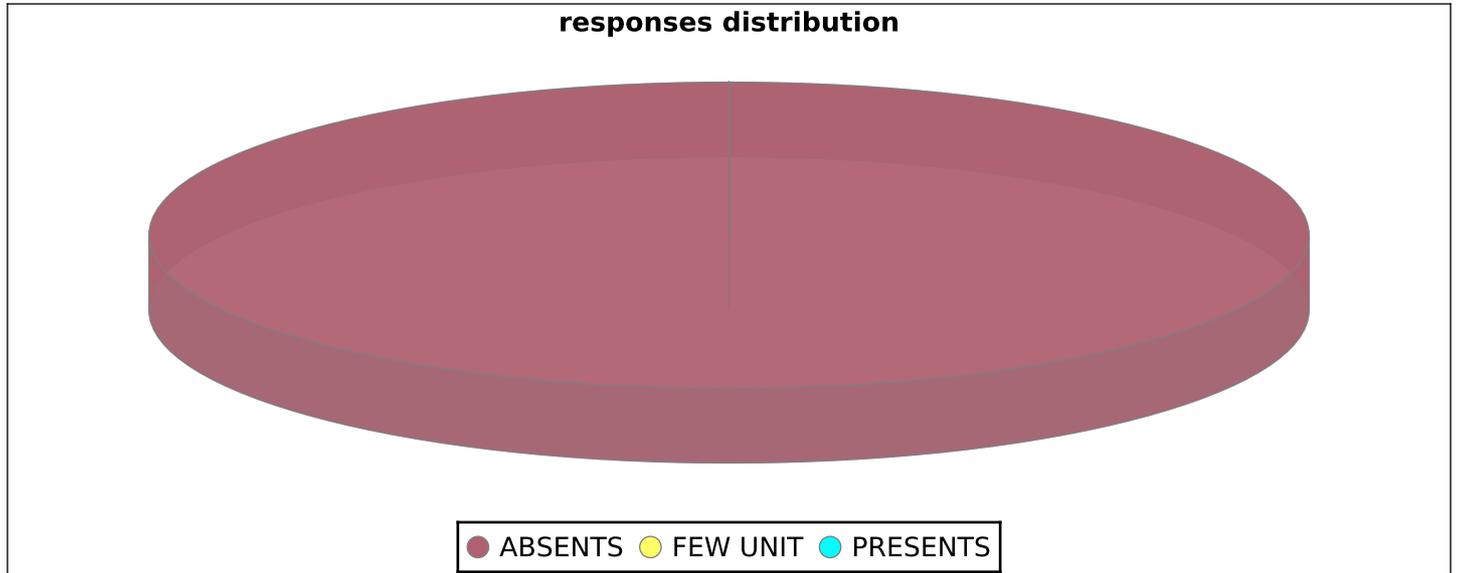


● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	13		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

Analyte **Epithelial cylinder** Analyzer **Manual - Manual** Method **OTTICO**



Participants number	13		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

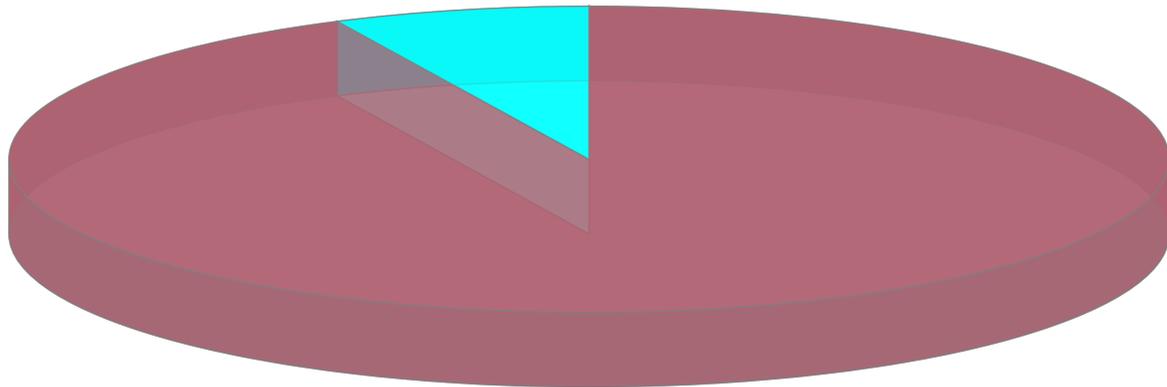
FEBRUARY 2026
ACCEPTABLE

Analyte **Iline cylinder**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	14		
lbl_perc_neg_SEDIMEN TO	92,86 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	7,14 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

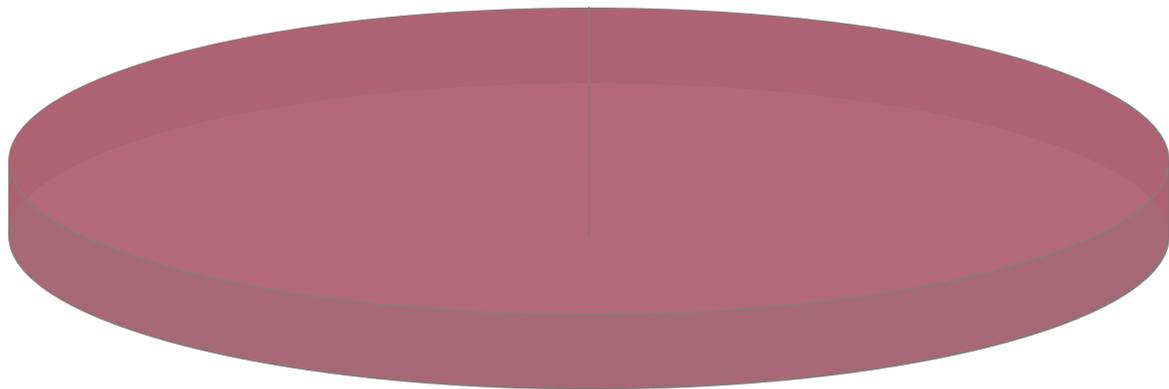
FEBRUARY 2026
ACCEPTABLE

Analyte **Leucyne Crystals**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

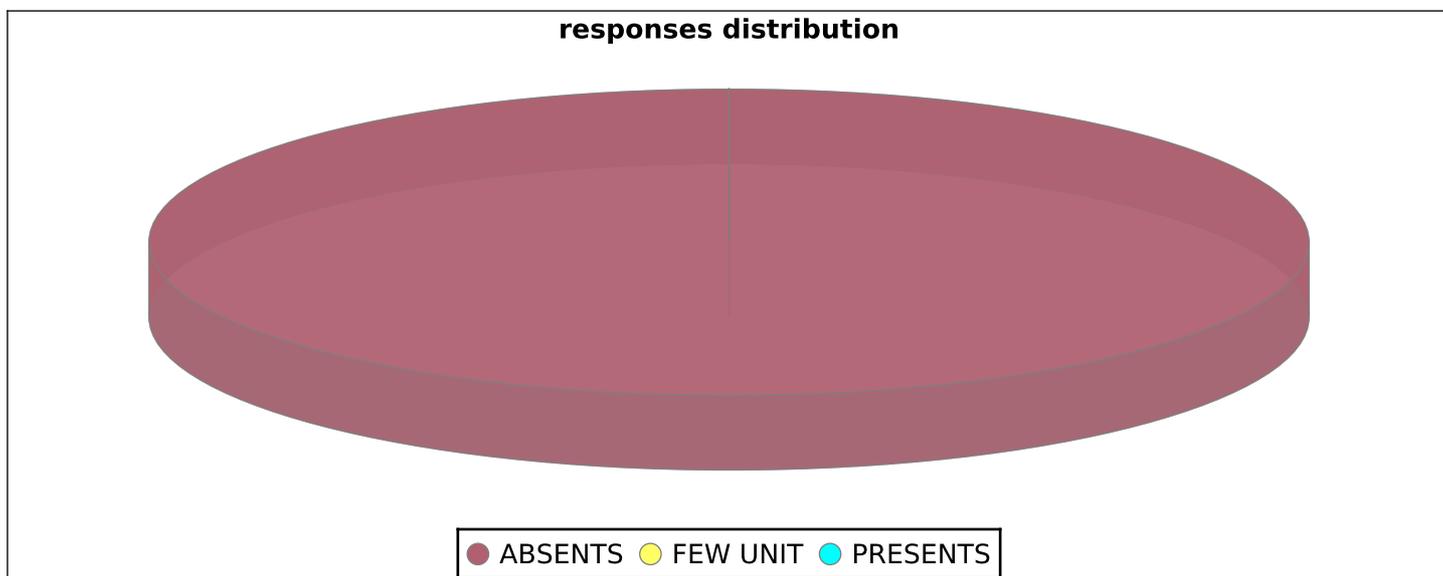
FEBRUARY 2026
ACCEPTABLE

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf
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Analyte **Fatty cylinder**

Analyzer **Manual - Manual**

Method **OTTICO**



Participants number	13		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

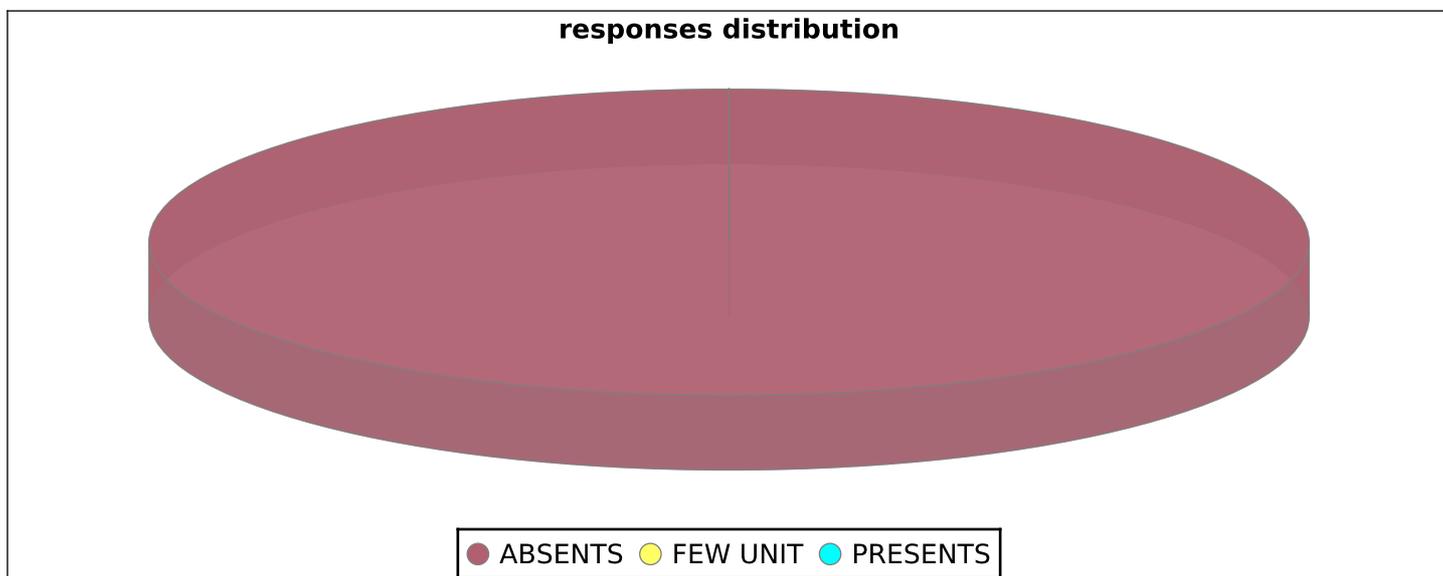
FEBRUARY 2026
ACCEPTABLE

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Analyte **Sperm**

Analyzer **Manual - Manual**

Method **OTTICO**



Participants number	14		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

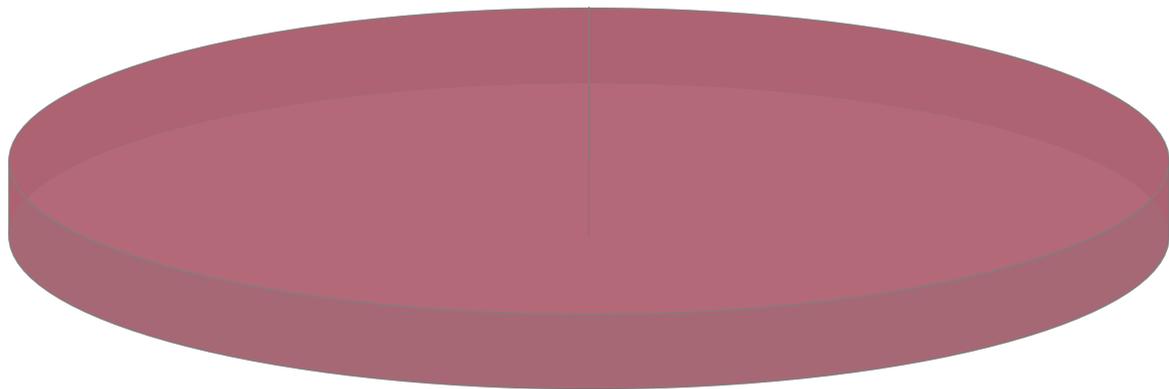
FEBRUARY 2026
ACCEPTABLE

Analyte **Calcium oxalate crystals**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



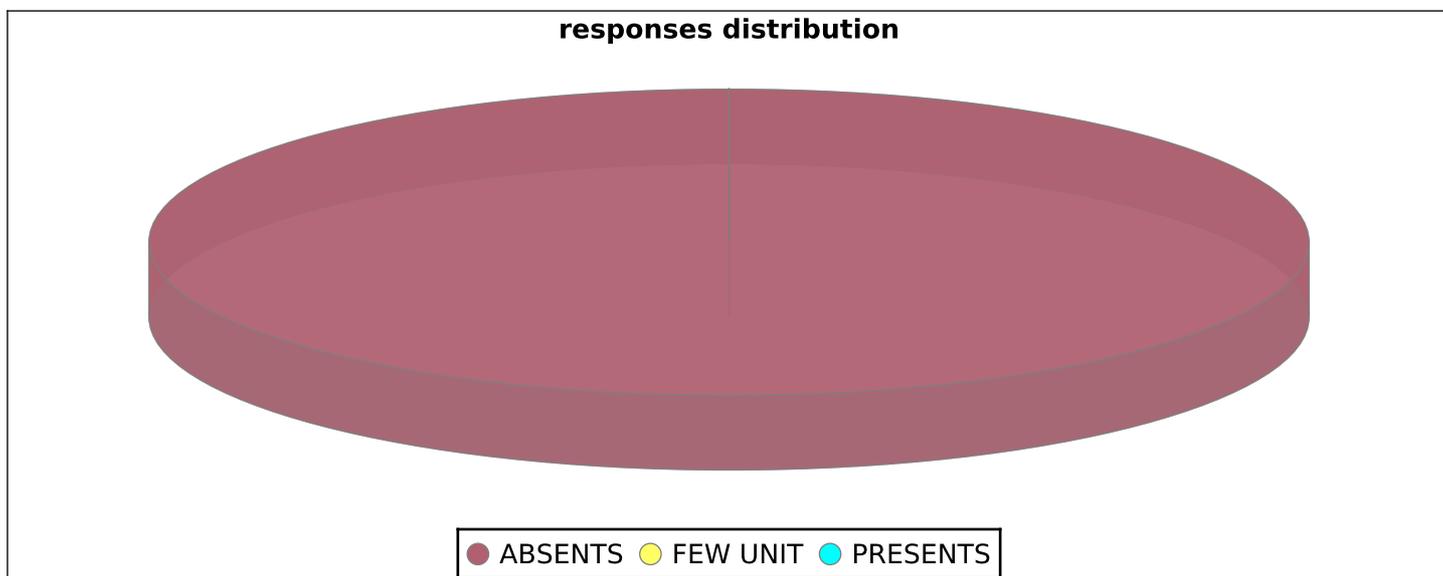
● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	22		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf
	Participant : ZMD001 Sample Lot : UR-2601	Issued on 11/02/2026 Authorized by RQS Sonia Zanghini

Analyte **Medium epithelium cells** Analyzer **Manual - Manual** Method **OTTICO**

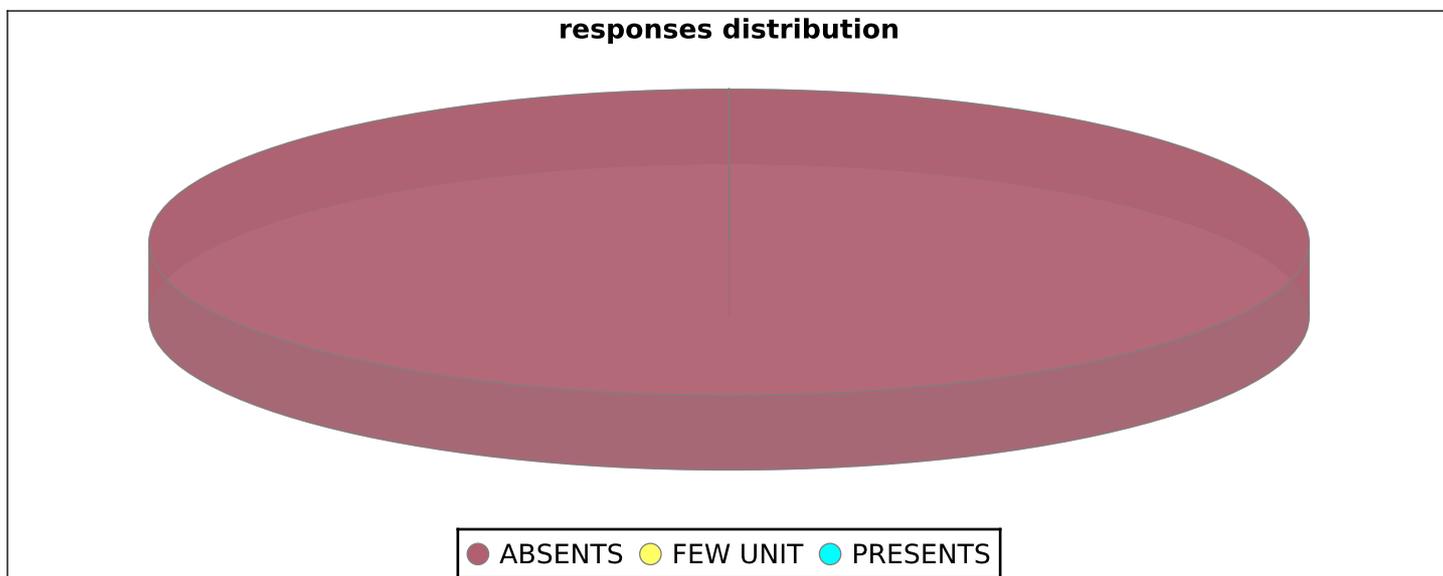


Participants number	16		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf
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Analyte **Triple Phosphate Crystals** Analyzer **Manual - Manual** Method **OTTICO**



Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

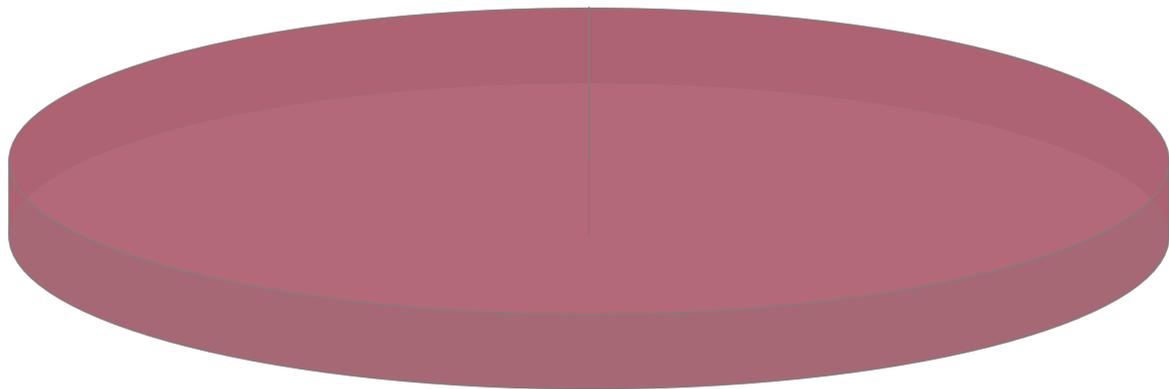
FEBRUARY 2026
ACCEPTABLE

Analyte **Bacteria**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



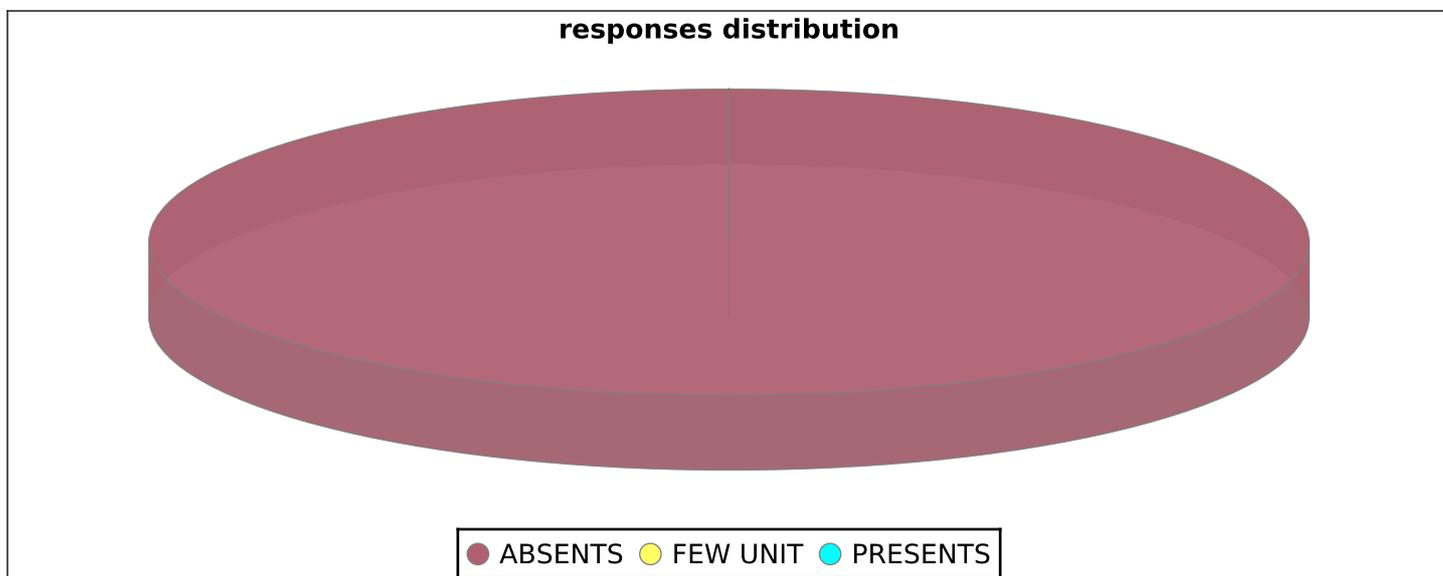
● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf
	Participant : ZMD001 Sample Lot : UR-2601	Issued on 11/02/2026 Authorized by RQS Sonia Zanghini

Analyte **Bacteria cylinder** Analyzer **Manual - Manual** Method **OTTICO**



Participants number	14		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

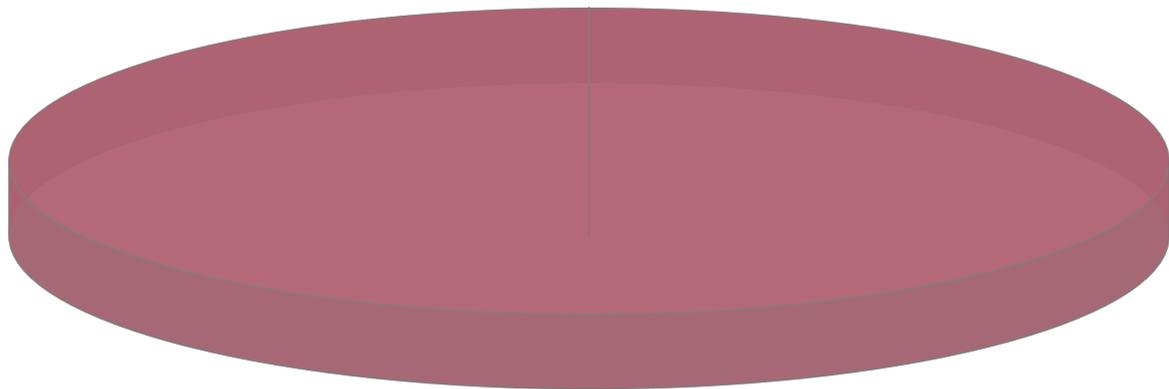
FEBRUARY 2026
ACCEPTABLE

Analyte **High epithelium cells**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



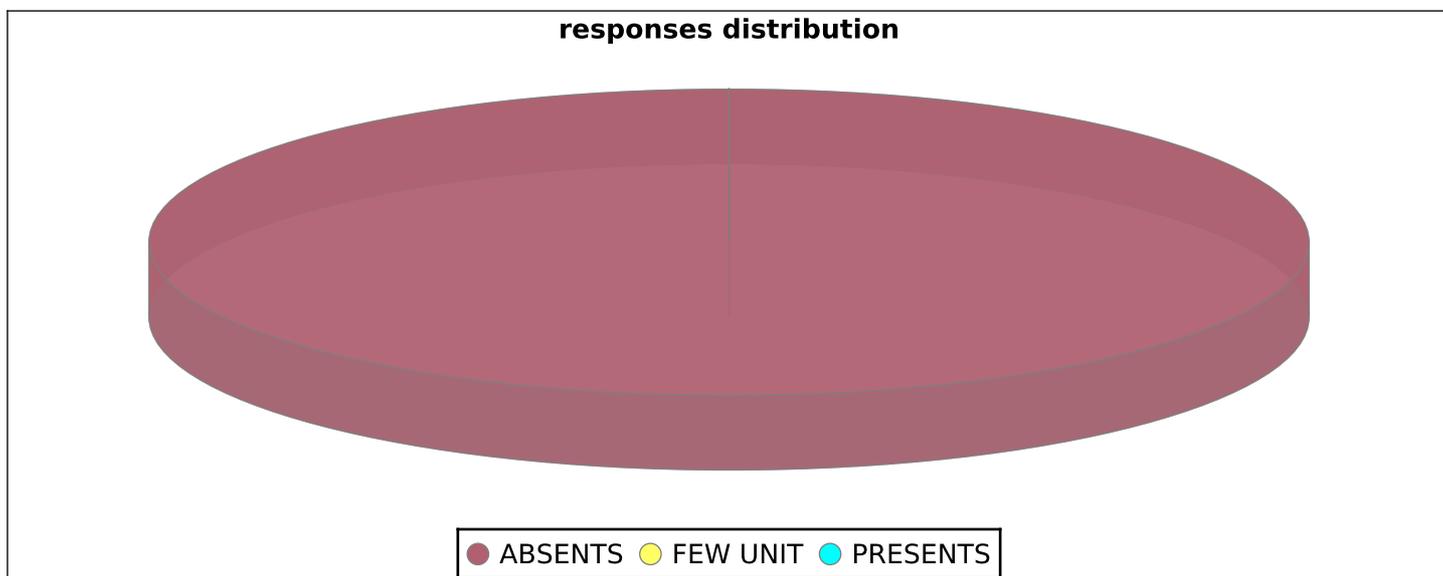
● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	14		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

	SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026	RdP: Final Revision ZMD001_31_2026_1_1.pdf
	Participant : ZMD001 Sample Lot : UR-2601	Issued on 11/02/2026 Authorized by RQS Sonia Zanghini

Analyte **Phosphate Crystals** Analyzer **Manual - Manual** Method **OTTICO**



Participants number	14		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

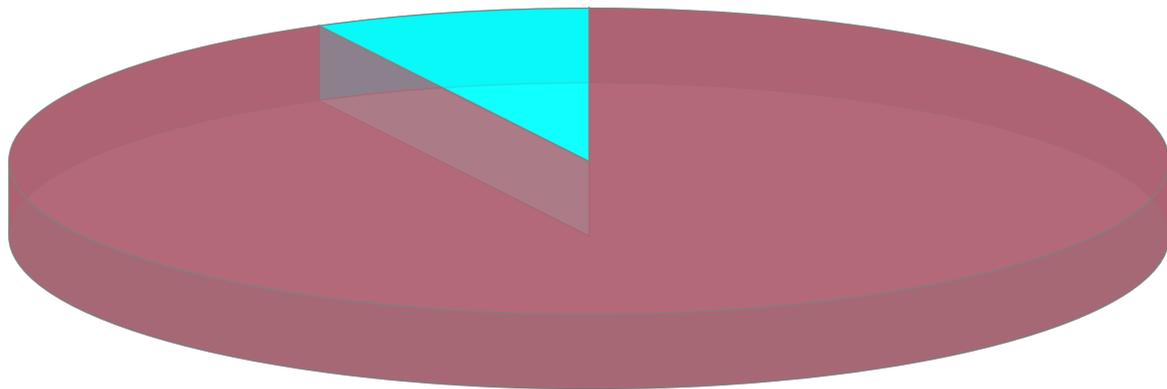
FEBRUARY 2026
ACCEPTABLE

Analyte **Cereum cylinder**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	13		
lbl_perc_neg_SEDIMEN TO	92,31 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	7,69 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

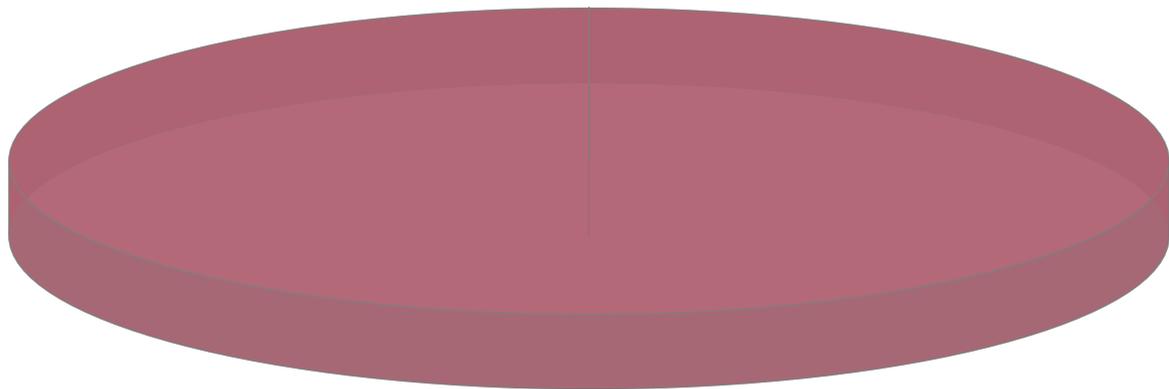
FEBRUARY 2026
ACCEPTABLE

Analyte **CILINDRI GRANULOSI**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution

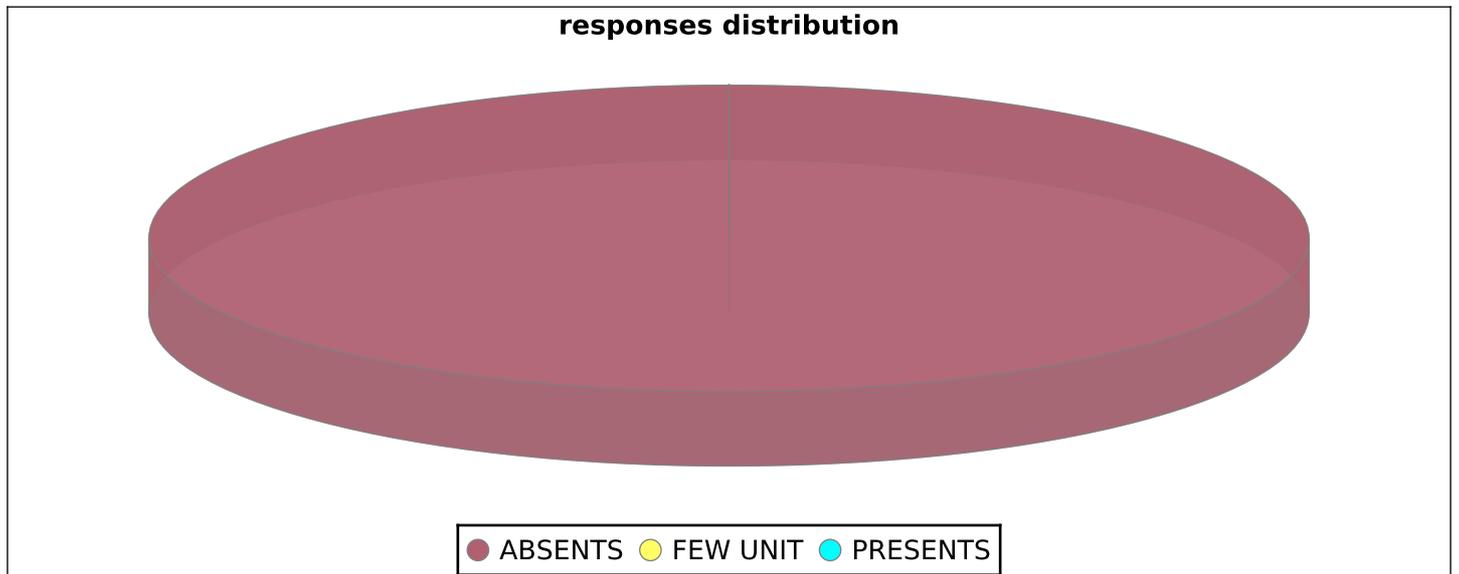


● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	14		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

Analyte **Ammonium phosphate crystals** Analyzer **Manual - Manual** Method **OTTICO**



Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

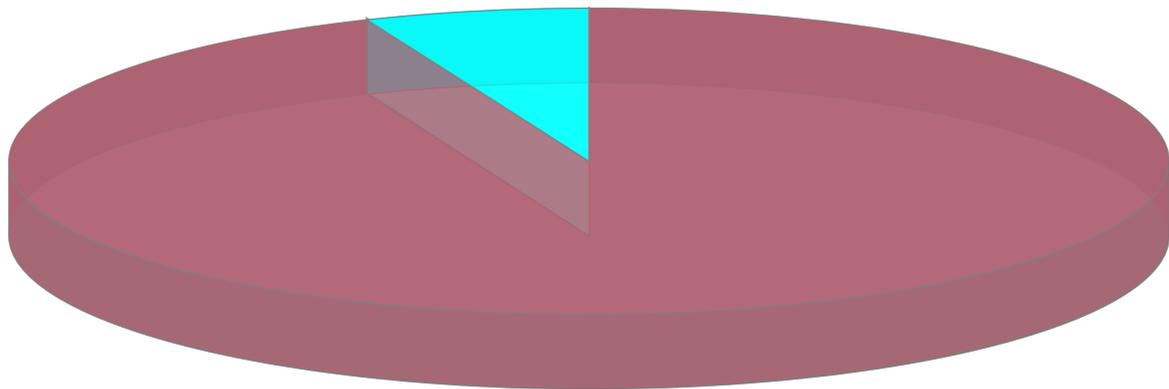
FEBRUARY 2026
ACCEPTABLE

Analyte **Leucocytes**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

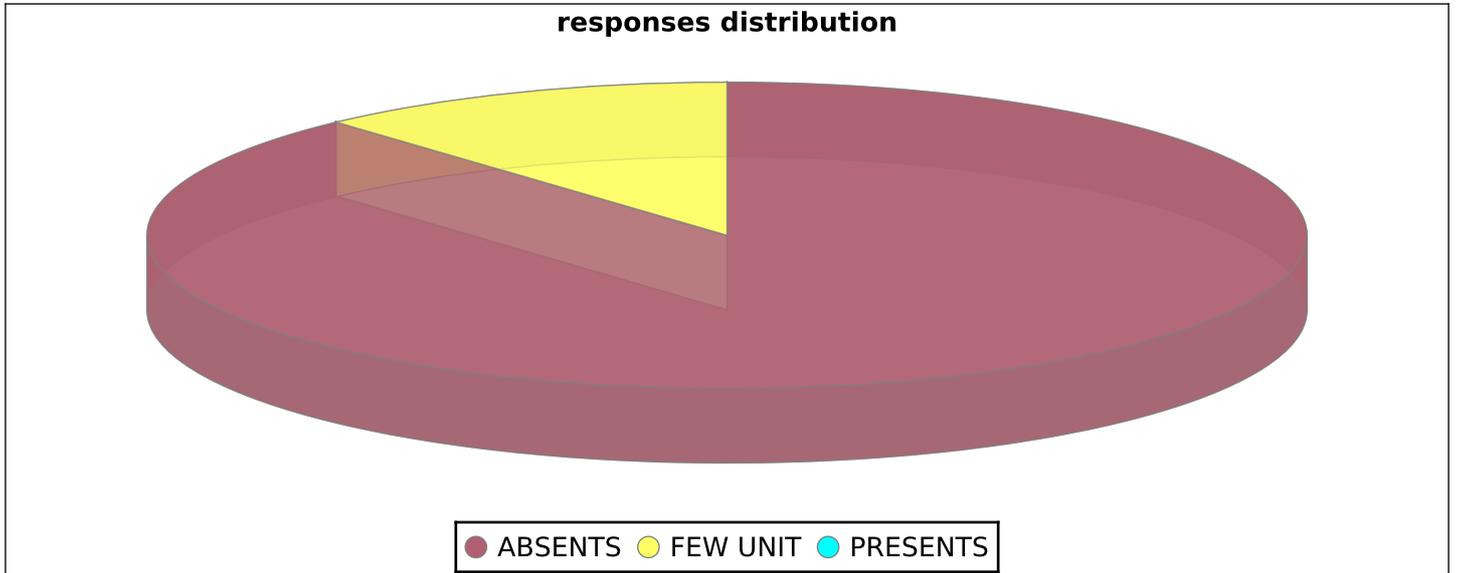
Participants number	16		
lbl_perc_neg_SEDIMEN TO	93,75 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	6,25 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

Analyte **Low epithelium cells**

Analyzer **Manual - Manual**

Method **OTTICO**



Participants number	17		
lbl_perc_neg_SEDIMEN TO	88,24 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	11,76 %	performance index	ACCEPTABLE

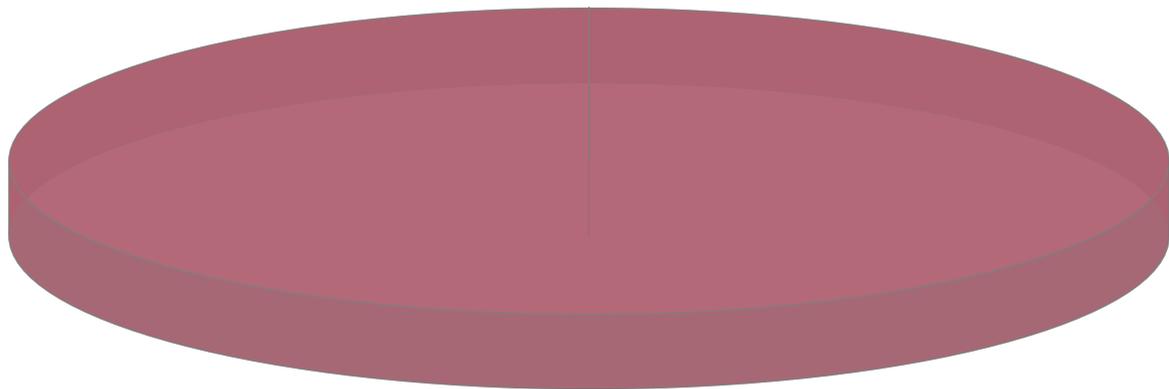
FEBRUARY 2026
ACCEPTABLE

Analyte **Urate crystals**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE



SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026

RdP: Final Revision
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Participant : ZMD001
Sample Lot : UR-2601

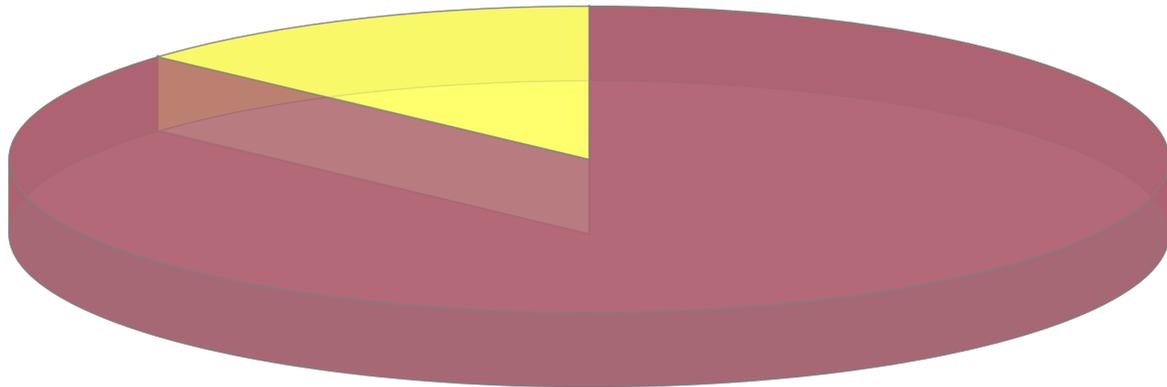
Issued on 11/02/2026
Authorized by RQS
Sonia Zanghini

Analyte **Red Cells;**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

Participants number	15		
lbl_perc_neg_SEDIMEN TO	86,67 %	Measure	FEW UNIT
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	13,33 %	performance index	UNACCEPTABLE

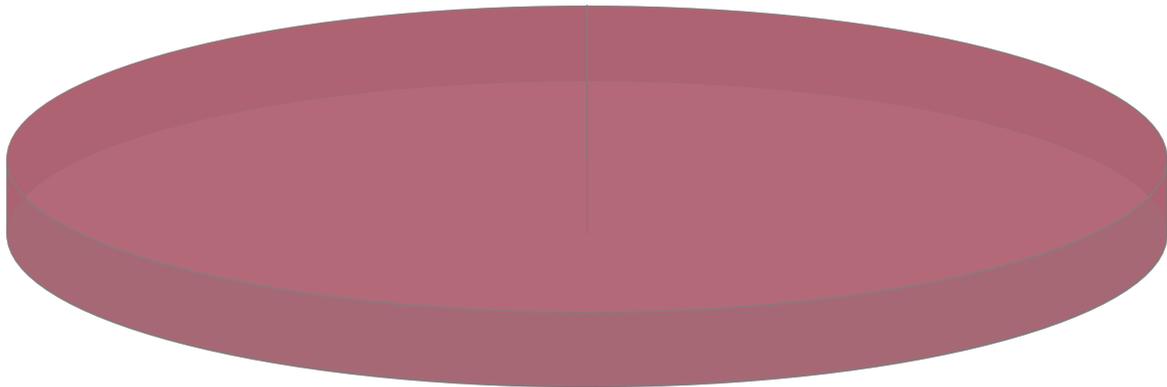
FEBRUARY 2026
UNACCEPTABLE

Analyte **CILINDRI ERITROCITARI**

Analyzer **Manual - Manual**

Method **OTTICO**

responses distribution



● ABSENTS ● FEW UNIT ● PRESENTS

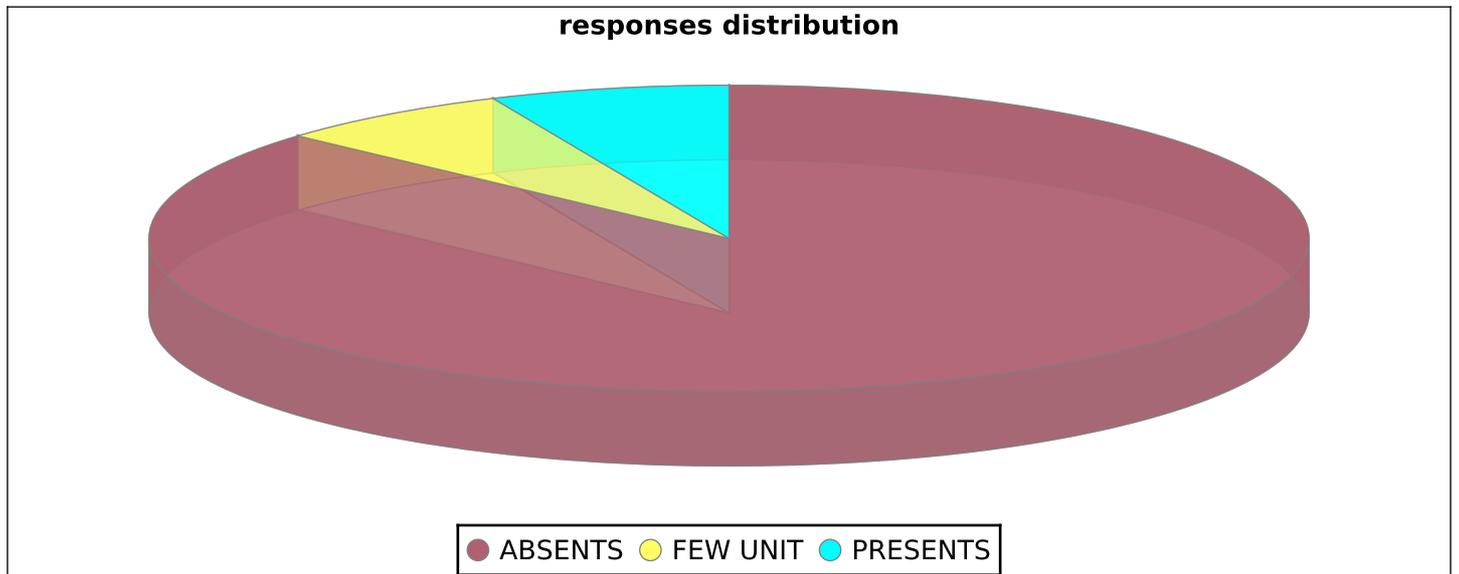
Participants number	13		
lbl_perc_neg_SEDIMEN TO	100,00 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	0,00 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	0,00 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE

Analyte **Uric Acid Crystals**

Analyzer **Manual - Manual**

Method **OTTICO**



Participants number	15		
lbl_perc_neg_SEDIMEN TO	86,67 %	Measure	ABSENTS
lbl_perc_pos_SEDIME NTO	6,67 %	lbl_risultato_atteso	ABSENTS
lbl_perc_dub_SEDIME NTO	6,67 %	performance index	ACCEPTABLE

FEBRUARY 2026
ACCEPTABLE



SEDIMENTO URINARIO CYCLE 2026 - JANUARY 2026

RdP: Final Revision
ZMD001_31_2026_1_1.pdf

Participant : ZMD001
Sample Lot : UR-2601

Issued on 11/02/2026
Authorized by RQS
Sonia Zanghini

Analyte	Measure	lbl_risultato_atteso	performance index
Leucocytes Cylinder	ABSENTS	ABSENTS	ACCEPTABLE
Cystine Crystals	ABSENTS	ABSENTS	ACCEPTABLE
Mycetes	ABSENTS	ABSENTS	ACCEPTABLE
Transitional epithelium cells	ABSENTS	ABSENTS	ACCEPTABLE
Tyrosine crystals	ABSENTS	ABSENTS	ACCEPTABLE
Epithelial cylinder	ABSENTS	ABSENTS	ACCEPTABLE
Iline cylinder	ABSENTS	ABSENTS	ACCEPTABLE
Leucyne Crystals	ABSENTS	ABSENTS	ACCEPTABLE
Fatty cylinder	ABSENTS	ABSENTS	ACCEPTABLE
Sperm	ABSENTS	ABSENTS	ACCEPTABLE
Calcium oxalate crystals	ABSENTS	ABSENTS	ACCEPTABLE
Medium epithelium cells	ABSENTS	ABSENTS	ACCEPTABLE
Triple Phosphate Crystals	ABSENTS	ABSENTS	ACCEPTABLE
Bacteria	ABSENTS	ABSENTS	ACCEPTABLE
Bacteria cylinder	ABSENTS	ABSENTS	ACCEPTABLE
High epithelium cells	ABSENTS	ABSENTS	ACCEPTABLE
Phosphate Crytals	ABSENTS	ABSENTS	ACCEPTABLE
Cereum cylinder	ABSENTS	ABSENTS	ACCEPTABLE
CILINDRI GRANULOSI	ABSENTS	ABSENTS	ACCEPTABLE
Ammonium phosphate crystals	ABSENTS	ABSENTS	ACCEPTABLE
Leucocytes	ABSENTS	ABSENTS	ACCEPTABLE
Low epithelium cells	ABSENTS	ABSENTS	ACCEPTABLE
Urate crytals	ABSENTS	ABSENTS	ACCEPTABLE
Red Cells;	FEW UNIT	ABSENTS	UNACCEPTABLE
CILINDRI ERITROCITARI	ABSENTS	ABSENTS	ACCEPTABLE
Uric Acid Crystals	ABSENTS	ABSENTS	ACCEPTABLE